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Hide?	Set Name	<u>Query</u> PB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YF	Hit Count
	L52	L51 AND L48	25, OI ADS
	L51	(Sek1)	85
	L50	L48 AND L49	191
	L49	Eph OR Eph receptor OR ephrin	2666
	L48	L46 AND L47	88182
	L47	regeneration OR growth OR development	1281430
	L46	(central-nervous-system OR CNS)	1074907
	L45	L44 AND Eph	25
	L44	514/1,2.CCLS.	6546
	L43	Murphy-Mark.IN.	13
	L42	Murphy-M.IN.	84
	L41	Murphy IN.	13610
	L40	Paxinos-G.IN.	1
	L39	Paxinos-George.IN.	0
	L38	Paxinos.IN.	6
	L37	Galea-M.IN.	3
	L36	Galea-M-P.IN.	0
	L35	Galea-Mary.IN.	0
	L34	Galea-Mary-P.IN.	0
	L33	Galea.IN.	86
	L32	Dottori-M.IN.	1
	L31	Dottori-Mirella.IN.	0
	L30	Dottori.IN.	22
	L29	Boyd-A-W.IN.	8
	L28	Boyd-A.IN.	14
	L27	Boyd-Andrew.IN.	5
	L26	Boyd-Andrew-W.IN.	3
	L25	Boyd.IN.	7495
	L24	Greferath-U.IN.	1
	L23	Greferath-Ursula IN.	0
	L22	Greferath.IN.	20
	L21	Coonan-J.IN.	1
	L20	Coonan-F.IN.	1
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L19	Coonan-Jason.IN.	0
L18	Coonan.IN.	43
L17	Kontgen-F.IN.	1
L16	Kontgen-Frank.IN.	0
L15	Kontgen.IN.	1
L14	Kilpatrick-T.IN.	3
L13	Kilpatrick-Trevor.IN.	1
L12	Kilpatrick.IN.	472
L11	Pouzzotto-M.IN.	0
L10	Pouzzotto-Mark.IN.	0
L9	Pouzzotto.IN.	0
L8	Hartley-L.IN.	2
L7	Hartley-Lynne.IN.	0
L6	Hartley.IN.	3151
L5	Bartlett-P-F.IN.	. 19
L4	Bartlett-Perry-F.IN.	1
L3	Bartlett-P.IN.	17
L2	Bartlett-Perry.IN.	4
L1	(Bartlett.IN.)	3384

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	L18	Coonan.IN.	43
	L17	Kontgen-F.IN.	1
	L16	Kontgen-Frank.IN.	0
	L15	Kontgen.IN.	1
	L14	Kilpatrick-T.IN.	3
	L13	Kilpatrick-Trevor.IN.	1
	L12	Kilpatrick.IN.	472
	L11	Pouzzotto-M.IN.	0
	L10	Pouzzotto-Mark.IN.	0
	L9	Pouzzotto.IN.	0
	L8	Hartley-L.IN.	2
	L7	Hartley-Lynne.IN.	0
	L6	Hartley.IN.	3151
	L5	Bartlett-P-F.IN.	19
	L4	Bartlett-Perry-F.IN.	1
	L3	Bartlett-P.IN.	17
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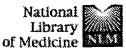
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PMC Publised Nucleotide Protein Structure Journals Book Search PubMed for Eph-receptor Go Clear Limits Preview/Index Clipboard Details History About Entrez Display Summary Show: 500 ▼ Send to Items 1-184 of 184 One page. **Text Version** 1: Lai KO, Chen Y, Po HM, Lok KC, Gong K, Ip NY. Related Articles, Links Entrez PubMed Identification of the Jak/Stat proteins as novel downstream targets of EphA4 Overview signaling in muscle: Implications in the regulation of acetylcholinesterase Help | FAQ Tutorial expression. New/Noteworthy J Biol Chem. 2004 Jan 15 [Epub ahead of print] E-Utilities PMID: 14729671 [PubMed - as supplied by publisher] **PubMed Services** 2: Wohlfahrt JG, Karagiannidis C. Kunzmann S, Epstein MM, Kempf Related Articles, Links Journals Database W. Blaser K. Schmidt-Weber CB. MeSH Database Ephrin-A1 suppresses Th2 cell activation and provides a regulatory link to Single Citation Matcher lung epithelial cells. **Batch Citation Matcher** Clinical Queries J Immunol. 2004 Jan 15; 172(2): 843-50. LinkOut PMID: 14707054 [PubMed - in process] Cubby 3: Finne EF, Munthe E, Aasheim HC. Related Articles, Links Related Resources A new ephrin-A1 isoform (ephrin-A1 isoform b) with altered receptor Order Documents **NLM Gateway** binding properties abrogates the cleavage of ephrin-A1 isoform a. TOXNET Biochem J. 2003 Dec 23 [Epub ahead of print] Consumer Health PMID: 14692877 [PubMed - as supplied by publisher] Clinical Alerts ClinicalTrials.gov 4: Kaneko M, Nighorn A. Related Articles, Links PubMed Central Interaxonal Eph-ephrin signaling may mediate sorting of olfactory sensory Privacy Policy axons in Manduca sexta. J Neurosci. 2003 Dec 17; 23(37): 11523-38. PMID: 14684856 [PubMed - indexed for MEDLINE] 5: Cheng Q, Sasaki Y, Shoji M, Sugiyama Y, Tanaka H, Nakayama T, Related Articles, Links Mizuki N, Nakamura F, Takei K, Goshima Y. Cdk5/p35 and Rho-kinase mediate ephrin-A5-induced signaling in retinal ganglion cells. Mol Cell Neurosci. 2003 Nov; 24(3): 632-45. PMID: 14664814 [PubMed - in process] 6: Honda H. Related Articles, Links Competition between retinal ganglion axons for targets under the servomechanism model explains abnormal retinocollicular projection of Eph receptor-overexpressing or ephrin-lacking mice. J Neurosci. 2003 Nov 12; 23(32): 10368-77. PMID: 14614096 [PubMed - indexed for MEDLINE] 7: Hafner C. Bataille F. Meyer S. Becker B. Roesch A. Landthaler M. Related Articles, Links Vogt T. Loss of EphB6 expression in metastatic melanoma. Int J Oncol. 2003 Dec; 23(6): 1553-9.

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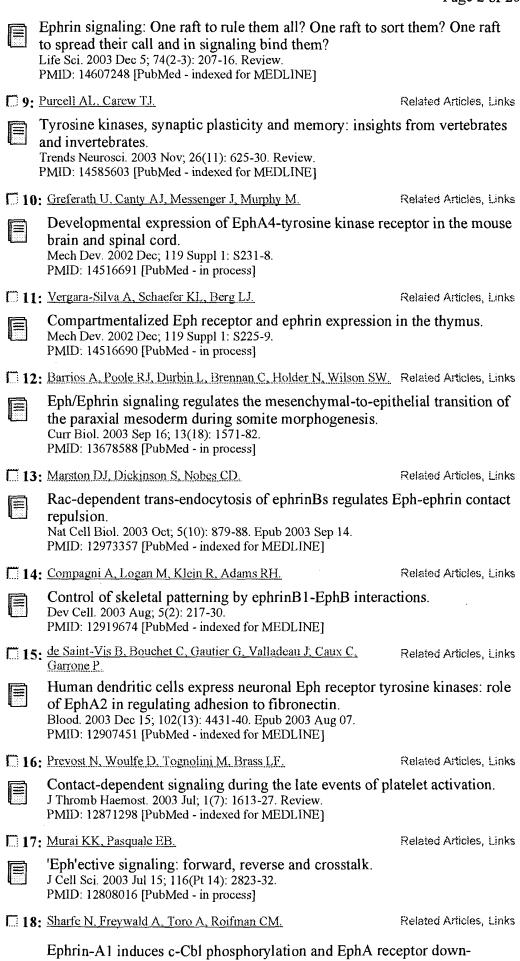
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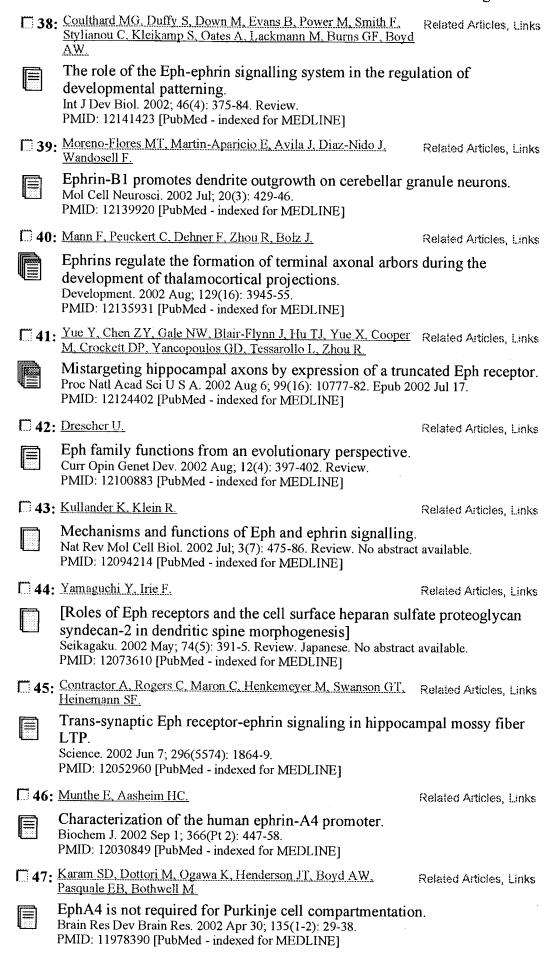
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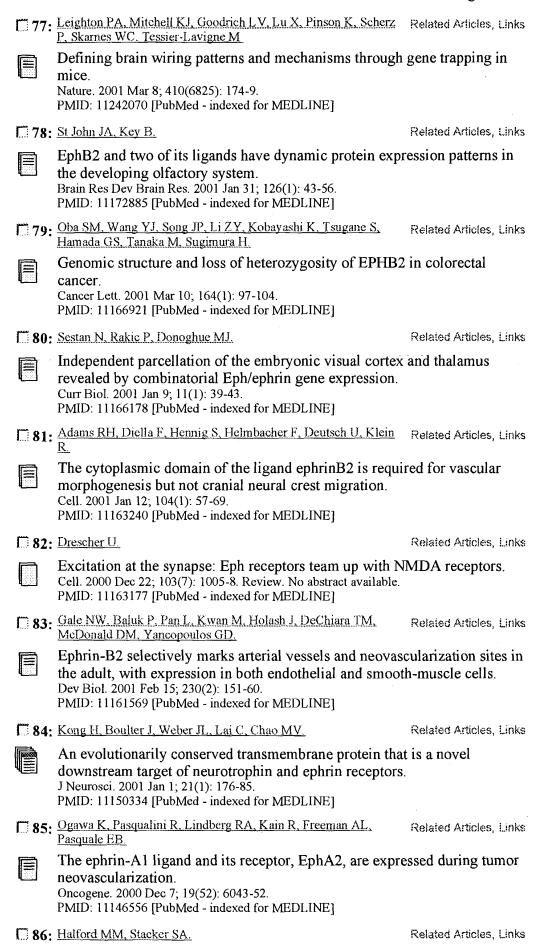
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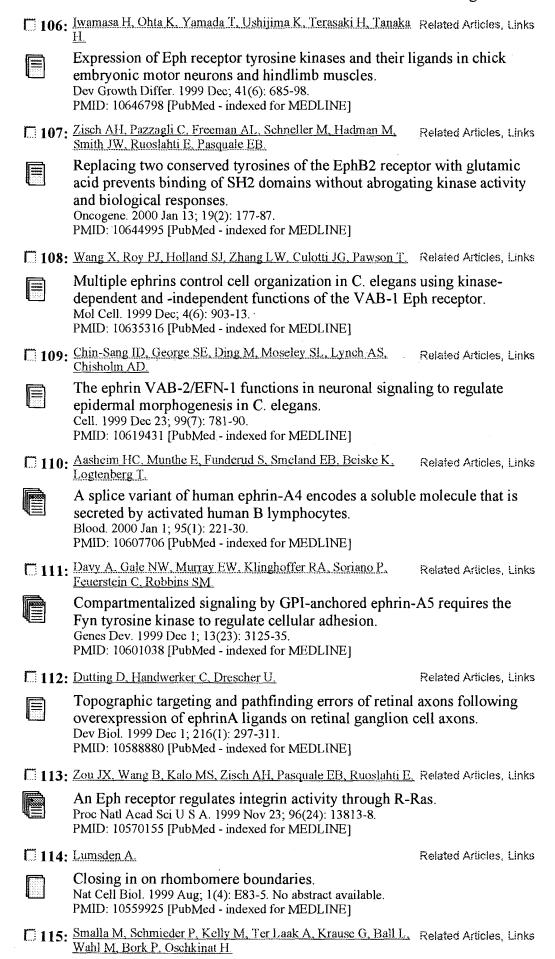
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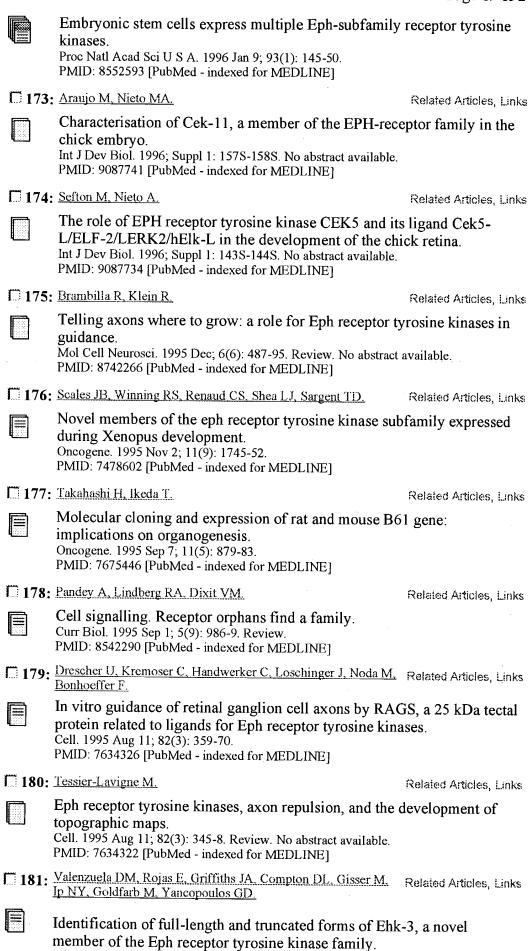
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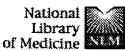
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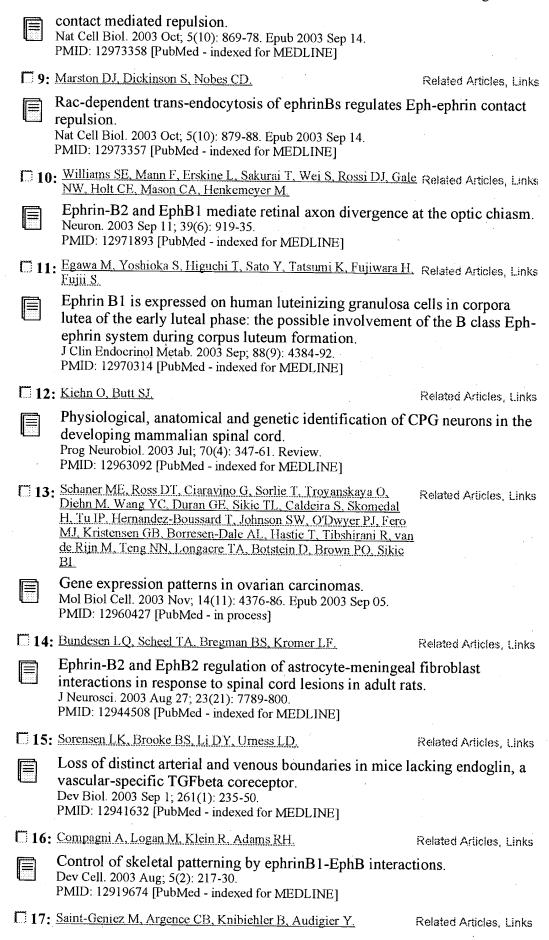
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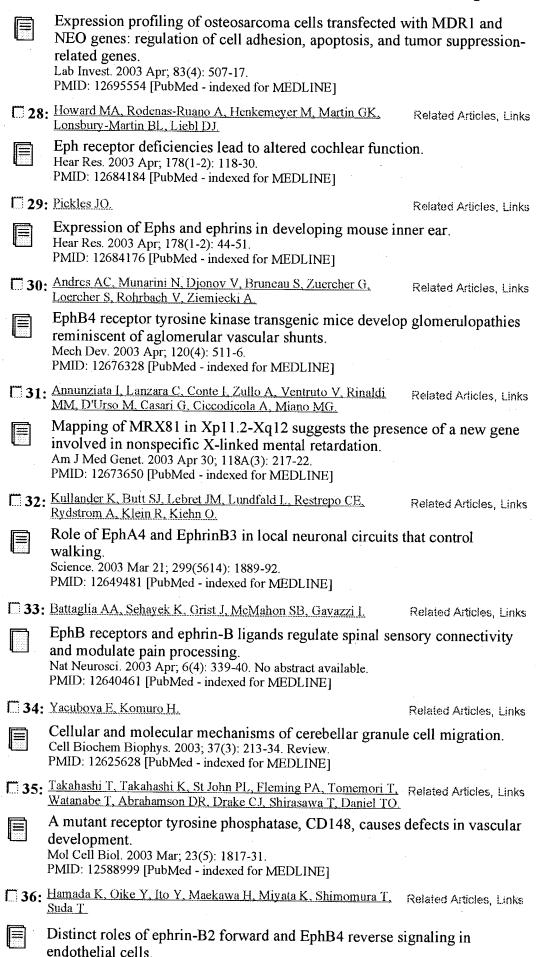
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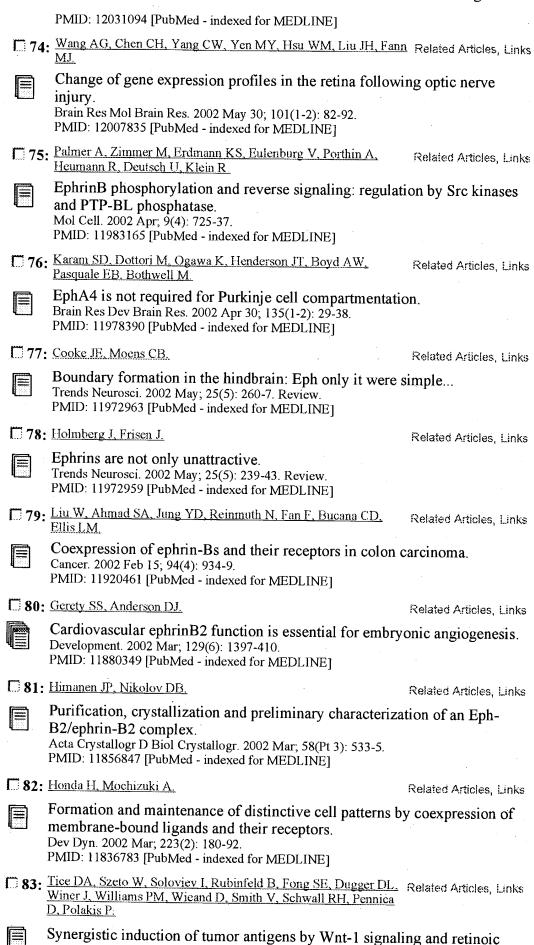
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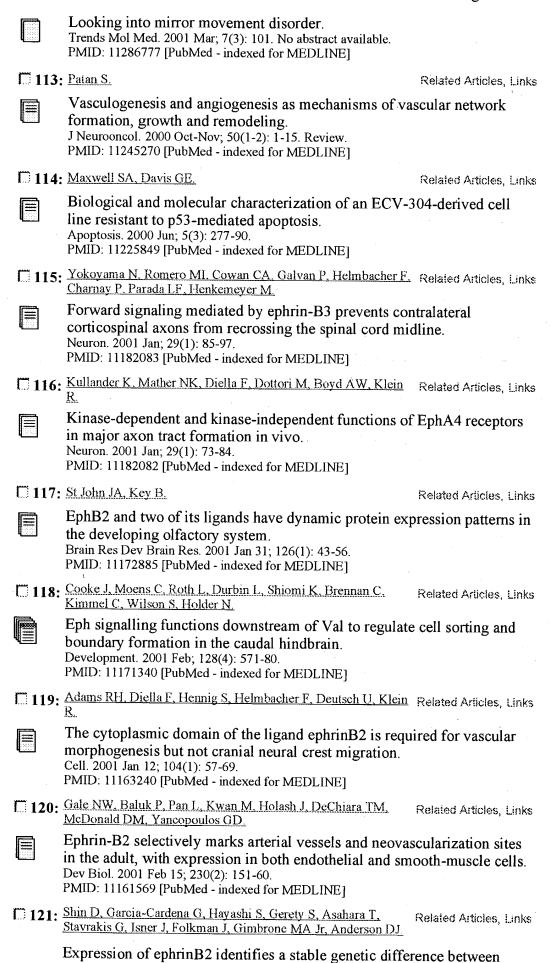
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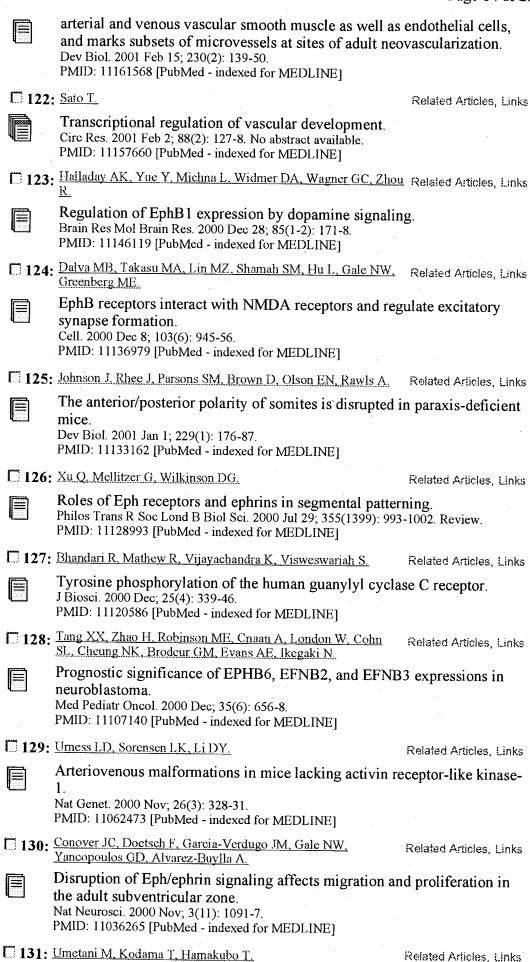
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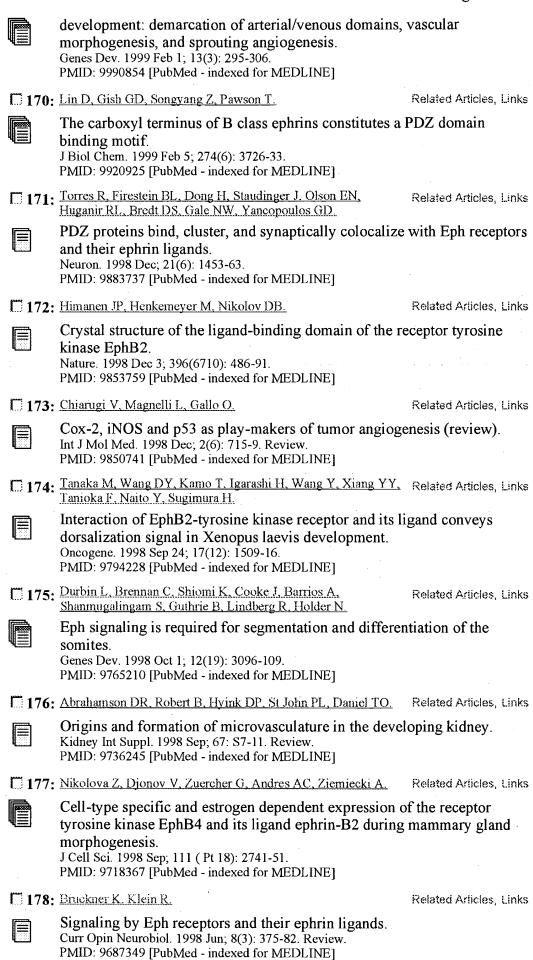
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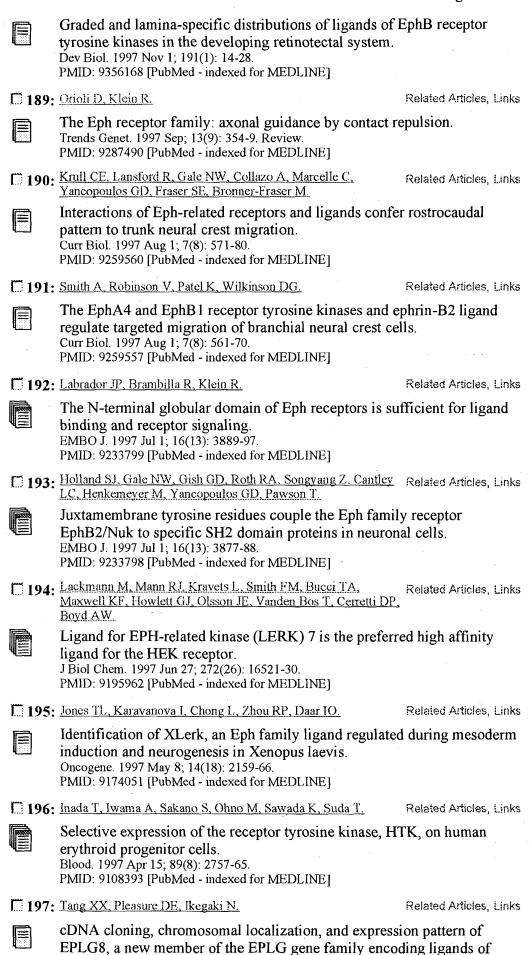
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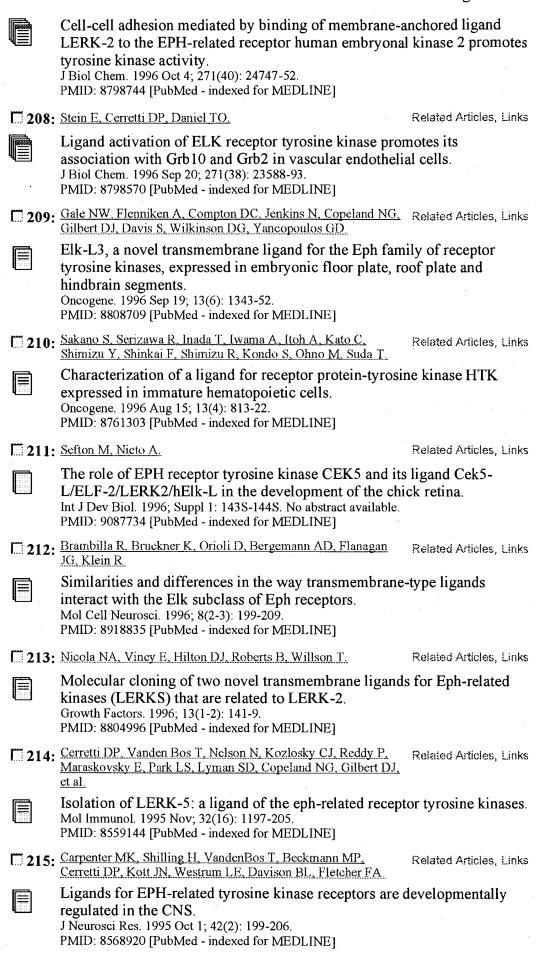
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=> S Eph-receptor OR Ephrin
 22 FILES SEARCHED...
 44 FILES SEARCHED...
L1 6509 EPH-RECEPTOR OR EPHRIN

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE, DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET, MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'. ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE PROCESSING IS APPROXIMATELY 18% COMPLETE FOR L1
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PROCESSING IS APPROXIMATELY 57% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 81% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 98% COMPLETE FOR L1

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PROCESSING COMPLETED FOR L1
            2965 DUP REM L1 (3544 DUPLICATES REMOVED)
=> S L2 AND central nervous system
   9 FILES SEARCHED...
  20 FILES SEARCHED...
  22 FILES SEARCHED...
  30 FILES SEARCHED...
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  49 FILES SEARCHED...
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            187 L2 AND CENTRAL NERVOUS SYSTEM
=> D L3 1-187
     ANSWER 1 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
      2003:437213
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ΔN
      PREV200300437213
DN
        ***Ephrin***
                        -B2 and EphB2 regulation of astrocyte-meningeal fibroblast
TI
      interactions in response to spinal cord lesions in adult rats.
      Bundesen, Liza Q.; Scheel, Tracy Aber; Bregman, Barbara S.; Kromer,
     Lawrence F. [Reprint Author]
     Department of Neuroscience, Georgetown University Medical Center, 3970
CS
      Reservoir Road, N.W., EPO2, Research Building, Washington, DC, 20057, USA
      kromerl@georgetown.edu
      Journal of Neuroscience, (August 27 2003) Vol. 23, No. 21, pp. 7789-7800.
      print.
      ISSN: 0270-6474 (ISSN print).
     Article
DT
     English
LA
      Entered STN: 24 Sep 2003
ED
      Last Updated on STN: 24 Sep 2003
L3
     ANSWER 2 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
      2003:381292
ΑN
                   BIOSIS
DN
      PREV200300381292
                              ***EPHRINS***
      EXPANDING ROLE FOR
                                                IN NERVOUS SYSTEM DEVELOPMENT AND
TI
      RESPONSE TO INJURY.
     Kromer, L. F. [Reprint Author]; Wilkinson, D. G.; Flanagan, J. G.; Dalva,
      Georgetown Univ Med Ctr, Washington, DC, USA
CS
      Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
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     Vol. 2002, pp. Abstract No. 314. http://sfn.scholaroné.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
     Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience. Conference; (Meeting)
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     Conference; Abstract; (Meeting Abstract)
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      English
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      Entered STN: 20 Aug 2003
     Last Updated on STN: 20 Aug 2003
     ANSWER 3 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN 2003:326117 BIOSIS
L3
AN
     PREV200300326117
DN
TI
     THE ROLE OF THE EphA4 RECEPTOR IN THE DEVELOPING CORTICOSPINAL TRACT.
     Canty, A. J. [Reprint Author]; Greferath, U. [Reprint Author]; Anderson,
ΑU
     C. R. [Reprint Author]; Murphy, M. [Reprint Author]
     Anatomy and Cell Biology, University of Melbourne, Victoria, Australia Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
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     Vol. 2002, pp. Abstract No. 729.7. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
     Conference; (Meeting)
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     Conference; Abstract; (Meeting Abstract)
     English
     Entered STN: 16 Jul 2003
ED
     Last Updated on STN: 16 Jul 2003
L3
     ANSWER 4 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     2003:326114 BIOSIS
AN
     PREV200300326114
DN
     EPHA RECEPTORS REGULATE CALLOSAL PROJECTION DURING DEVELOPMENT.
TT
ΑU
     Hu, Z. [Reprint Author]; Yue, X. [Reprint Author]; Yue, Y. [Reprint
     Author]; Crockett, D. P.; Egger, M. D.; Zhou, R. [Reprint Author]
CS
     Laboratory for Cancer Research, Rutgers University, Piscataway, NJ, USA
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SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 729.4. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience. DT Conference; (Meeting) Conference; Abstract; (Meeting Abstract) LA English ED Entered STN: 16 Jul 2003 Last Updated on STN: 16 Jul 2003 L3 ANSWER 5 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN 2003:303922 ΔN BIOSIS DN PREV200300303922 TI TEMPORAL EXPRESSION OF EPHB1 AND ***EPHRIN*** - B3 IN GLIA DURING CNS MATURATION IN GENETICALLY ALTERED MICE. ΑU Kromer, L. F. [Reprint Author]; Richards, A. B. [Reprint Author]; Bundensen, L. Q. [Reprint Author]; Kinnunen, A.; Yokoyama, N.; Henkemeyer, Dept Neurosci, Georgetown Univ Med Ctr, Washington, DC, USA CS SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 424.13. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience. DT Conference; (Meeting) Conference; (Meeting Poster) Conference; Abstract; (Meeting Abstract) LA English ED Entered STN: 2 Jul 2003 Last Updated on STN: 2 Jul 2003 L3 ANSWER 6 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN ΑN 2003:303921 BIOSIS DN PREV200300303921 ΤI ***EPHRIN*** - B AND EPHB RECEPTOR EXPRESSION IN CNS GLIA AND LEPTOMENINGEAL CELLS IN VITRO. Albrecht, P. J. [Reprint Author]; Scheel, T. A. [Reprint Author]; Kromer, L. F. [Reprint Author] Dept Neurosci, Georgetown Univ, Washington, DC, USA CS Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) SO Vol. 2002, pp. Abstract No. 424.12. http://sfn.scholarone.com.cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience. Conference; (Meeting)
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Conference; Abstract; (Meeting Abstract) DT ΙΑ English ED Entered STN: 2 Jul 2003 Last Updated on STN: 2 Jul 2003 L3 ANSWER 7 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN ΑN 2003:282884 BIOSIS PREV200300282884 TT THE RHO - GTPASE INHIBITOR C3 - C2IN/C2II INDUCES FUNCTIONAL NEURONAL RECOVERY IN A RAT MODEL OF SEVERE SPINAL CORD INJURY. Schwab, J. M. [Reprint Author]; Hirsch, S. [Reprint Author]; Monnier, P. P. [Reprint Author]; Brechtel, K. [Reprint Author]; Stiefel, A. [Reprint Author]; Leppert, C. A. [Reprint Author]; Schluesener, H. J.; Barth, H.; Aktories, K. [Reprint Author]; Mueller, B. K. [Reprint Author] Institute for Brain Research, Migragen AG, Tuebingen, Germany Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 204.7. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience. Conference; (Meeting)
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Annunziata, Ida; Lanzara, Carmela; Conte, Ivan; Zullo. Alberto: Ventruto.

ΑU

Valerio; Rinaldi, Maria Michela; D'Urso, Michele; Casari, Giorgio;

- Ciccodicola, Alfredo; Miano, Maria Giuseppina [Reprint Author]
 Institute of Genetics and Biophysics, "Adriano Buzzati Traverso" CNR, Via CS P. Castellino, 111, 80129, Naples, Italy miano@iigbna.iigb.na.cnr.it
- American Journal of Medical Genetics, (April 30, 2003) Vol. 118A, No. 3, SO pp. 217-222. print. ISSN: 0148-7299 (ISSN print).

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English LA

- ED Entered STN: 30 Apr 2003 Last Updated on STN: 30 Apr 2003
- L3 ANSWER 9 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

2003:176864 BIOSIS ΑN DN PREV200300176864

TI Modulators of axonal growth and guidance at the brain midline with special reference to glial heparan sulfate proteoglycans. Cavalcante, Leny A. [Reprint Author]; Garcia-Abreu, Jose; Moura Neto, ΑU

Vivaldo; Silva, Luiz Claudio; Weissmuller, Gilberto

- Instituto de Biofisica Carlos Chagas Filho, CCS, Universidade Federal do CS Rio de Janeiro (UFRJ), 21949-900, Rio de Janeiro, Brazil Leny@biof.ufrj.br
- Anais da Academia Brasileira de Ciencias, (Dec. 2002) Vol. 74, No. 4, pp. SO 691-716. print. CODEN: AABCAD. ISSN: 0001-3765.

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English LA

Entered STN: 9 Apr 2003 ED Last Updated on STN: 9 Apr 2003

L3 ANSWER 10 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

2003:129266 AN BIOSIS

DN PREV200300129266

- Developmental expression of EphA4-tyrosine kinase receptor in the mouse ΤI brain and spinal cord.
- ΑU Greferath, Ursula [Reprint Author]; Canty, Alison J.; Messenger, Jonathan; Murphy, Mark
- Department of Anatomy and Cell Biology, University of Melbourne, CS Parkville, VIC, 3010, Australia ursulag@unimelb.edu.au
- SO Gene Expression Patterns, (December 2002) Vol. 2, No. 3-4, pp. 267-274. print. ISSN: 1567-133X (ISSN print).

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English LA

- ED Entered STN: 5 Mar 2003 Last Updated on STN: 5 Mar 2003
- L3 ANSWER 11 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

ΑN 2003:88594 BIOSIS DN PREV200300088594

TT The L1 cell adhesion molecule is essential for topographic mapping of retinal axons.

ΑU Demyanenko, Galina P.; Maness, Patricia F. [Reprint Author]

- Department of Biochemistry and Biophysics, University of North Carolina CS School of Medicine, CB7260, Chapel Hill, NC, 27599-7260, USA srclab@med.unc.edu
- **SO** Journal of Neuroscience, (January 15, 2003) Vol. 23, No. 2, pp. 530-538. print. ISSN: 0270-6474 (ISSN print).

DT Article

LA Enalish

- ED Entered STN: 12 Feb 2003 Last Updated on STN: 12 Feb 2003
- L3 ANSWER 12 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN ΑN 2003:73228 BIOSIS

DN PREV200300073228

- ΤĮ mRNA expression of ***ephrins*** ***Eph*** ***receptor*** and tyrosine kinases in the neonatal and adult mouse ***central*** ***nervous*** ***system***
- ΑU Liebl, Daniel J. [Reprint Author]; Morris, Carol J.; Henkemeyer, Mark; Parada, Luis F.
- Miami Project to Cure Paralysis, University of Miami School of Medicine, 1095 NW 14th Terrace, Miami, FL, 33136, USA

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dliebl@miami.edu
SO
     Journal of Neuroscience Research, (January 1, 2003) Vol. 71, No. 1, pp.
     7-22. print.
     ISSN: 0360-4012 (ISSN print).
DT
     Article
     English
ΙΑ
     Entered STN: 29 Jan 2003
ED
     Last Updated on STN: 29 Jan 2003
L3
     ANSWER 13 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ΔN
     2003:50895
                 BIOSIS
     PREV200300050895
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     Domain-specific olivocerebellar projection regulated by the EphA-
TI
        ***ephrin***
                      -A interaction.
     Nishida, Kazuhiko; Flanagan, John G.; Nakamoto, Masaru [Reprint Author]
ΑU
CS
     Department of Neurosciences, Lerner Research Institute, Cleveland Clinic
     Foundation, Cleveland, OH, 44195, USA nakamom@ccf.org
SO
     Development (Cambridge), (December 2002) Vol. 129, No. 24, pp. 5647-5658.
     print.
     CODEN: DEVPED. ISSN: 0950-1991.
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     Article
LA
     English
     DDBJ-AB083185; EMBL-AB083185; GenBank-AB083185
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     Entered STN: 22 Jan 2003
     Last Updated on STN: 4 Mar 2003
L3
     ANSWER 14 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN
     2002:587875
                  BIOSIS
     PREV200200587875
DN
TI
     Extracellular factors that regulate neuronal migration in the
       ***central***
                          ***nervous***
                                             ***system***
ΑU
     Sobeih, Magdi M.; Corfas, Gabriel [Reprint author]
     Department of Neurology and Division of Neuroscience, Children's Hospital,
     300 Longwood Avenue, Boston, MA, 02115, USA
     gabriel.corfas@tch.harvard.edu
S0
     International Journal of Developmental Neuroscience, (July-August, 2002)
     Vol. 20, No. 3-5, pp. 349-357. print.
     CODEN: IJDND6. ISSN: 0736-5748.
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     Article
     General Review; (Literature Review)
     English
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     Last Updated on STN: 13 Nov 2002
     ANSWER 15 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
     2002:552998 BIOSIS
AN
     PREV200200552998
DN
                                 ***ephrin***
TT
     Dephrin, a transmembrane
                                                 with a unique structure.
     prevents interneuronal axons from exiting the Drosophila embryonic CNS.
     Bossing, Torsten; Brand, Andrea H. [Reprint author]
CS
     Department of Genetics, Wellcome Trust Cancer Research UK Institute,
     Cambridge University, Tennis Court Road, Cambridge, CB2 1QR, UK
     ahb@mole.bio.cam.ac.uk
SO
     Development (Cambridge), (September, 2002) Vol. 129, No. 18, pp.
     4205-4218. print.
     CODEN: DEVPED. ISSN: 0950-1991.
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     Article
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     Enalish
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     Last Updated on STN: 30 Oct 2002
     ANSWER 16 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
     2002:317121 BIOSIS
ΑN
     PREV200200317121
DN
TT
     Stabilizing the regionalisation of the developing vertebrate
       ***central***
                          ***nervous***
                                             ***system***
     Pasini, Andrea; Wilkinson, David G. [Reprint author]
Division of Developmental Neurobiology, National Institute for Medical
CS
     Research, The Ridgeway, Mill Hill, London, NW7 1AA, UK
     dwilkin@nimr.mrc.ac.uk
     BioEssays, (May, 2002) Vol. 24, No. 5, pp. 427-438. print.
S<sub>0</sub>
     CODEN: BIOEEJ. ISSN: 0265-9247.
DT
     Article
     General Review; (Literature Review)
LA
     English
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Entered STN: 29 May 2002
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       Last Updated on STN: 29 May 2002
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      ANSWER 17 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 ΑN
       2002:287364 BIOSIS
 DN
       PREV200200287364
      Molecular mechanisms of CNS synaptogenesis.
 TI
      Garner, Craig C. [Reprint author]; Zhai, R. Grace [Reprint author]; Gundelfinger, Eckart D.; Ziv, Noam E. Dept of Psychiatry and Behavioral Science, Stanford University, Palo Alto,
 ΑU
 CS
      CA, 94304-5485, USA
      garner@stanford.edu
      Trends in Neurosciences, (May, 2002) Vol. 25, No. 5, pp. 243-250. print.
 SO
      CODEN: TNSCDR. ISSN: 0166-2236.
 DT
      Article
      General Review; (Literature Review)
 IΑ
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      Entered STN: 15 May 2002
 ED
      Last Updated on STN: 15 May 2002
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      ANSWER 18 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
      2002:235627 BIOSIS
 ΑN
DN
      PREV200200235627
 TI
      Axon guidance: The cytoplasmic tail.
 ΑU
      Patel, Bharatkumar N.; Van Vactor, David L. [Reprint author]
      Department of Cell Biology and Program in Neuroscience, Harvard Medical
 CS
      School, Boston, MA, 02115, USA
      bpatel@hms.harvard.edu; davie@hms.harvard.edu
Current Opinion in Cell Biology, (April, 2002) Vol. 14, No. 2, pp.
S0
      221-229. print.
      CODEN: COCBE3. ISSN: 0955-0674.
DT
      Article
      General Review; (Literature Review)
      English
      Entered STN: 10 Apr 2002
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      Last Updated on STN: 10 Apr 2002
      ANSWER 19 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ΑN
      2001:3/4322
PREV200100574322
      2001:574322 BIOSIS
DN
TT
                                          and
                                                 ***Eph***
                                                                 ***receptors***
      the CNS of spinalized rats.
      Mecteau, M. [Reprint author]; Lemaire, C. [Reprint author]; Rossignol, S.;
      Kessous, A. [Reprint author]; Provencher, J.; Doucet, G. [Reprint author] Pathol Biol Cell, Universite de Montreal, Montreal, PQ, Canada
CS
      Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2032.
S<sub>0</sub>
      Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
      Diego, California, USA. November 10-15, 2001.
      ISSN: 0190-5295.
      Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
DT
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      English
      Entered STN: 12 Dec 2001
ED
      Last Updated on STN: 25 Feb 2002
13
      ANSWER 20 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
      2001:562563 BIOSIS
AN
      PREV200100562563
DN
      Nurr1 in the early development of the mouse midbrain.
      Calo, L. [Reprint author]; Spillantini, M. G.; Passarelli, F.; Allen, N.
      D. [Reprint author]
      Cognitive and Developmental Neuroscience, Babraham Institute, Cambridge,
CS
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      Society for Neuroscience Abstracts, (2001) vol. 27, No. 2, pp. 1820.
     Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
      Diego, California, USA. November Ī0-15, 2001.
     ISSN: 0190-5295.
DT
     Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
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     Entered STN: 5 Dec 2001
     Last Updated on STN: 25 Feb 2002
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     ANSWER 21 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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2001:547569 BIOSIS
      PREV200100547569
DN
TI
      Eph axon guidance molecules regulate epileptogenesis and
      activity-dependent axonal growth in adult CNS.
      Xu, B. [Reprint author]; Li, S. [Reprint author]; Brown, A.; Gerlai, R.;
      Fahnestock, M.; Racine, R. J. [Reprint author]
CS
      Psychology, McMaster Univ, Hamilton, ON, Canada
      Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1471.
SO
      print.
      Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
      Diego, California, USA. November 10-15, 2001. ISSN: 0190-5295.
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      Conference; (Meeting)
      Conference; Abstract; (Meeting Abstract)
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      English
      Entered STN: 21 Nov 2001
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      Last Updated on STN: 25 Feb 2002
L3
      ANSWER 22 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
      2001:547037 BIOSIS
AN
DN
      PREV200100547037
TI
      Molecular markers of axon quidance and synaptogenesis in the olfactory
      bulb in schizophrenia.
      Arnold, S. E. [Reprint author]; Rioux, L. [Reprint author]; Han, L. Y.
      [Reprint author]
      Center for Neurobiology and Behavior, Univ of Pennsylvania, Philadelphia,
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      Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1200.
      print.
      Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
      Diego, California, USA. November 10-15, 2001. ISSN: 0190-5295.
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      Conference; (Meeting)
      Conference; Abstract; (Meeting Abstract)
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      Entered STN: 21 Nov 2001
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      Last Updated on STN: 25 Feb 2002
L3
      ANSWER 23 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ΑN
      2001:519964 BIOSIS
      PREV200100519964
DΝ
TT
      Eph A4 RPTK as putative inhibitory cue after spinal cord injury.
      Cruz-Orengo, L. [Reprint author]; Willson, C. A.; Foster, R. D.; Gaskins, H.; Whittemore, S. R.; Miranda, J. D. [Reprint author]
Department of Physiology, University of Puerto Rico School of Medicine,
ΑU
CS
      San Juan, Puerto Rico
      Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 965. print.
S0
      Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
      Diego, California, USA. November 10-15, 2001.
      ISSN: 0190-5295.
      Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
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      English
      Entered STN: 7 Nov 2001
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      Last Updated on STN: 23 Feb 2002
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      2001:519962 BIOSIS
ΑN
      PREV200100519962
DN
TI
        ***Eph***
                         ***receptors***
                                                       ***ephrins***
                                               and
                                                                          participate in
     spinal cord reorganization after injury.

Bundesen, L. Q. [Reprint author]; Scheel, T. A. [Reprint author]; Bregman,

B. S. [Reprint author]; Kromer, L. F. [Reprint author]

Dept Neurosci, Georgetown Univ, Washington, DC, USA

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      Diego, California, USA. November 10-15, 2001.
      ISSN: 0190-5295.
      Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
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      Entered STN: 7 Nov 2001
      Last Updated on STN: 23 Feb 2002
      ANSWER 25 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
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2001:498924 BIOSIS

AN

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DN
      PREV200100498924
                         ***receptors***
        ***Eph***
                                              tingle the spine.
TI
      Henkemeyer, Mark [Reprint author]; Frisen, Jonas
ΑU
      Center for Developmental Biology, University of Texas Southwestern Medical
CS
      Center, Dallas, TX, 75390, USA
      Neuron, (September 27, 2001) Vol. 31, No. 6, pp. 876-877. print.
SO
      ISSN: 0896-6273.
DT
      Article
      English
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      Entered STN: 24 Oct 2001
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      Last Updated on STN: 23 Feb 2002
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      2001:486878 BIOSIS
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DN
      PREV200100486878
      Syntenin interacts with kainate receptors: In vitro and in vivo evidence.
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     Hirbec, H. E. [Reprint author]; Lauri, S. E. [Reprint author]; Francis, J. C. [Reprint author]; Coutinho, V. [Reprint author]; Braithwaite, S. P.
ΑU
      [Reprint author]; Isaac, J. T. [Reprint author]; Collingridge, G. L.
      [Reprint author]; Henley, J. M. [Reprint author]
     Dept Anatomy, Univ Bristol, Bristol, UK
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Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
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      Diego, California, USA. November 10-15, 2001.
      ISSN: 0190-5295
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      Conference; Abstract; (Meeting Abstract)
LA
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      Entered STN: 17 Oct 2001
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      Last Updated on STN: 23 Feb 2002
      ANSWER 27 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
      2001:307915 BIOSIS
ΑN
      PREV200100307915
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TI
      Axon guidance at the midline choice point.
      Kaprielian, Zaven [Reprint author]; Runko, Erik; Imondi, Ralph
ΑU
      Departments of Pathology and Neuroscience, Kennedy Center, Albert Einstein
CS
      College of Medicine, 1410 Pelham Parkway South, Rm. 624, Bronx, NY, 10461,
      USA
      kapriel@aecom.yu.edu
      Developmental Dynamics, (June, 2001) Vol. 221, No. 2, pp. 154-181. print.
SO
      CODEN: DEDYEI. ISSN: 1058-8388.
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      Article
      General Review; (Literature Review)
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      English
      Entered STN: 27 Jun 2001
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      Last Updated on STN: 19 Feb 2002
L3
      ANSWER 28 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ΑN
      2001:267073 BIOSIS
DN
      PREV200100267073
                                                       ***Eph***
                                                                         ***receptors***
TI
      Degenerate PCR-based cloning method for
      and analysis of their expression in the developing murine
***nervous*** ***system*** and vasculature.
                                                                            ***central***
                             ***system***
     Bovenkamp, Diane E.; Greer, Peter A. [Reprint author]
Cancer Research Laboratories, Queen's University, Room A309 Botterell
ΑU
CS
      Hall, Kingston, Ont., K7L 3N6, Canada
      greerp@post_queensu.ca
     DNA and Cell Biology, (April, 2001) vol. 20, No. 4, pp. 203-213. print. CODEN: DCEBE8. ISSN: 1044-5498.
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      English
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      Entered STN: 6 Jun 2001
      Last Updated on STN: 19 Feb 2002
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      ANSWER 29 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
      2001:162461 BIOSIS
ΑN
      PREV200100162461
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                         ***receptors***
        ***Eph***
                                                     ***ephrins***
TI
                                              and
                                                                        are key regulators
      of morphogenesis.
ΑU
      Holder, N. [Reprint author]; Durbin, L.; Cooke, J.
      Department of Anatomy and Developmental Biology, University College, Gower
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      Street, London, WC1 6BT, UK
     Nusslein-Volhard, C.; Kratzschmar, J. Ernst Schering Research Foundation Workshop, (2000) pp. 123-149. Ernst Schering Research Foundation Workshop. Of fish, fly, worm, and man: Lessons from developmental biology of human
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MRC Centre for Developmental Neurobiology, King's College London, 4th

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Drescher, Uwe [Reprint author]

Floor, New Hunts House, Guy's Campus, London, SE1 1UL, UK uwe.drescher@kcl.ac.uk Cell, (December 22, 2000) Vol. 103, No. 7, pp. 1005-1008. print. CODEN: CELLB5. ISSN: 0092-8674. SO DT Article General Review; (Literature Review) English LA ED Entered STN: 24 Jan 2001 Last Updated on STN: 12 Feb 2002 L3 ANSWER 34 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN ΑN 2000:408034 BIOSIS DN PREV200000408034 TI Nogo-A, a potent inhibitor of neurite outgrowth and regeneration. ΑU Huber, Andrea B. [Reprint author]; Schwab, Martin E. CS Department of Neuromorphology, Brain Research Institute, University of Zurich and Swiss Federal Institute of Technology Zurich, CH-8057, Zurich, Switzerland S₀ Biological Chemistry, (May-June, 2000) Vol. 381, No. 5-6, pp. 407-419. print. ISSN: 1431-6730. DT Article General Review; (Literature Review) LA English ED Entered STN: 27 Sep 2000 Last Updated on STN: 8 Jan 2002 L3 ANSWER 35 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN ΑN 2000:202020 BIOSIS DN PREV200000202020 TI Kinase independent function of EphB receptors in retinal axon pathfinding to the optic disc from dorsal but not ventral retina. ΑU Birgbauer, Eric [Reprint author]; Cowan, Chad A.; Sretavan, David W. [Reprint author]; Henkemeyer, Mark Department of Ophthalmology and Physiology, Beckman Vision Center, University of California San Francisco, San Francisco, CA, 94143-0730, USA Development (Cambridge), (March, 2000) Vol. 127, No. 6, pp. 1231-1241. CS S₀ print. CODEN: DEVPED. ISSN: 0950-1991. DT Article LA English ED Entered STN: 24 May 2000 Last Updated on STN: 5 Jan 2002 13 ANSWER 36 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN 2000:99532 BIOSIS ΑN DN PREV200000099532 Transduction of inhibitory signals by the axonal growth cone. TI Wang, Li-Hsien [Reprint author]; Fournier, Alyson [Reprint author]; ΑU Nakamura, Fumio; Takahashi, Takuya [Reprint author]; Kalb, Robert G.; Strittmatter, Stephen M. [Reprint author]
Department of Neurology, Yale University School of Medicine, New Haven, CS CT, USA Kalb, R. G. [Editor]; Strittmatter, S. M. [Editor]. (2000) pp. 131-153. Neurobiology of spinal cord injury. print. SO Publisher: Humana Press Inc., Suite 808, 999 Riverview Drive, Totowa, New Jersey 07512, USA. ISBN: 0-89603-672-3. Book Book; (Book Chapter) General Review; (Literature Review) English ED Entered STN: 15 Mar 2000 Last Updated on STN: 3 Jan 2002 ANSWER 37 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L3 2000:99531 BIOSIS AN DN PREV200000099531 Strategies for spinal cord repair: Clues from neurodevelopment. TI Steeves, John D. [Reprint author]; Tetzlaff, Wolfram CORD, The University of British Columbia, Vancouver, BC, Canada Kalb, R. G. [Editor]; Strittmatter, S. M. [Editor]. (2000) pp. 113-129. ΑU CS SO Neurobiology of spinal cord injury. print. Publisher: Humana Press Inc., Suite 808, 999 Riverview Drive, Totowa, New

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      General Review; (Literature Review)
LA
      English
ED
      Entered STN: 15 Mar 2000
      Last Updated on STN: 3 Jan 2002
      ANSWER 38 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
      2000:67152 BIOSIS
ΑN
      PREV20000067152
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TT
      Neuronal-glial interactions in the ventral mesencephalon: Role of
        ***Eph***
                        ***receptors***
      Sieber, Beth-Anne [Reprint author]; Wagner, Joseph [Reprint author]; Ibanez, Carlos F.; Arenas, Ernest [Reprint author]
ΑU
      Molecular Neurobiology Laboratory, Dept. Medical Chemistry and Biophysics,
CS
      Karolinska Institute, Stockholm, S-171 77, Sweden
Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 243.
S<sub>0</sub>
      print.
      Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part
      1. Miami Beach, Florida, USA. October 23-28, 1999. The Society for
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      ISSN: 0190-5295.
DT
      Conference; (Meeting)
      Conference; Abstract; (Meeting Abstract)
      English
ED
      Entered STN: 9 Feb 2000
      Last Updated on STN: 3 Jan 2002
L3
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      1999:349768 BIOSIS
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      PREV199900349768
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TT
        ***central***
                            ***nervous***
                                                ***system***
      Olivieri, Gianfranco [Reprint author]; Miescher, Guido C.
      Lab. for Medical Gerontology, Psychiatric University Hospital, CH-4025,
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      Basel, Switzerland
     Journal of Histochemistry and Cytochemistry, (July, 1999) Vol. 47, No. 7,
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      pp. 855-861. print.
      CODEN: JHCYAS. ISSN: 0022-1554.
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      Article
     English
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      Entered STN: 24 Aug 1999
      Last Updated on STN: 24 Aug 1999
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      PREV199900247376
     Up-regulation of Eph tyrosine kinase receptors after excitotoxic injury in
TI
     adult hippocampus.
AU
     Moreno-Flores, M. T.; Wandosell, F. [Reprint author]
     Centro Biologia Molecular "Severo Ochoa", CSIC-Universidad Autonoma de
     Madrid, Cantoblanco, Madrid, 28049, Spain
Neuroscience, (April 7, 1999) Vol. 91, No. 1, pp. 193-201. print.
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     CODEN: NRSCDN. ISSN: 0306-4522.
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     English
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     Entered STN: 2 Jul 1999
     Last Updated on STN: 2 Jul 1999
     ANSWER 41 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
     1999:223262 BIOSIS
DN
     PREV199900223262
     Induction of Eph B3 after spinal cord injury.
TI
     Miranda, Jorge D. [Reprint author]; White, Linda A. [Reprint author]; Marcillo, Alexander E. [Reprint author]; willson, Christopher A. [Reprint
ΑU
     author]; Jagid, Jonathan [Reprint author]; Whittemore, Scott R. [Reprint
     author]
CS
     Miami Project to Cure Paralysis and Department of Neurological Surgery
     University of Miami School of Medicine, 1600 Northwest 10th Avenue, R-48,
     Miami, FL, 33136, USA
     Experimental Neurology, (March, 1999) vol. 156, No. 1, pp. 218-222. print.
     CODEN: EXNEAC. ISSN: 0014-4886.
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     Article
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     Entered STN: 7 Jun 1999
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Last Updated on STN: 7 Jun 1999

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      ANSWER 42 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
      1999:64189 BIOSIS
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      PREV199900064189
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      Induction of EPH B3 RPTK after spinal cord injury.
      Miranda, J. D.; White, L. A.; Willson, C. A.; Marcillo, A.; Jagid, J.;
ΑU
      Whittemore, S. R.
      Miami Project Dep. Neurolgoical Surgery, Univ. Miami Sch. Med., Miami, FL
      33136, USA
SO
      Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 741.
      Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part
      1. Los Angeles, California, USA. November 7-12, 1998. Society for
      Neuroscience.
      ISSN: 0190-5295.
      Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
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      English
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      Entered STN: 16 Feb 1999
      Last Updated on STN: 16 Feb 1999
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      PREV199900059322
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      The expression and regulation of chick EphA7 suggests roles in limb
      patterning and innervation.
      Araujo, Maria; Piedra, M. Elisa; Herrera, M. Teresa; Ros, Maria A.; Nieto, M. Angela [Reprint author]
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      Inst. Cajal, CSIC, Doctor Arce, 37, 28002 Madrid, Spain
      Development (Cambridge), (Nov., 1998) vol. 125, No. 21, pp. 4195-4204.
S<sub>0</sub>
      CODEN: DEVPED. ISSN: 0950-1991.
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      Article
      English
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      Entered STN: 16 Feb 1999
      Last Updated on STN: 16 Feb 1999
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      PREV199900046427
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        ***EPH***
                       ***receptors***
                                            and memory: Ketamine induced retrograde
      amnesia in ameliorated by hippocampal EphrinA5-IgG infusion in mice.
     McNamara, A.; Gerlai, R.
Genentech Inc., Neurosci. Dep., South San Francisco, CA 94080, USA
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      Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 440.
     Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part
      1. Los Angeles, California, USA. November 7-12, 1998. Society for
     Neuroscience.
     ISSN: 0190-5295.
     Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
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     Entered STN: 10 Feb 1999
     Last Updated on STN: 10 Feb 1999
L3
     ANSWER 45 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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     PREV199800528204
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     The roles of Eph A3, Eph A4 and ***eph retinotectal projection of chick embryo.
TT
                                           ***ephrin*** -A2 in development of the
     Yamada, Tomoko [Reprint author]; Ohta, Kunimasa [Reprint author];
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     Handwerker, Claudia; Duetting, Dieter; Drescher, Uwe; Tanaka, Hideaki
     [Reprint author]
     Div. Dev. Neurobiol., Kumamoto Univ. Graduate Sch. Med. Sci., Kuhonji
     4-24-1, Kumamoto 862-0976, Japan
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     Neuroscience Research Supplement, (1998) No. 22, pp. $301. print.
     Meeting Info.: 21st Annual Meeting of the Japan Neuroscience Society and the First Joint Meeting of the Japan Neuroscience Society and the Japanese
     Society for Neurochemištry. Tokyo, Japan. September 21-23, 1998. Japan
     Neuroscience Society; Japanese Society for Neurochemistry.
     ISSN: 0921-8696.
     Conference; (Meeting)
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      Entered STN: 22 Dec 1998
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      Last Updated on STN: 22 Dec 1998
      ANSWER 46 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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      1998:279798 BIOSIS
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      PREV199800279798
      Axon guidance to and from choice points.
 TI
      Cook, Geoffrey; Tannahill, David; Keynes, Roger
Dep. Anatomy, Univ. Cambridge, Downing Street, Cambridge CB2 3DY, UK
Current Opinion in Neurobiology, (Feb., 1998) Vol. 8, No. 1, pp. 64-72.
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      ISSN: 0959-4388.
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      Article
      General Review; (Literature Review)
      Enalish
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      Entered STN: 8 Jul 1998
      Last Updated on STN: 8 Jul 1998
      ANSWER 47 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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      1998:236776 BIOSIS
DN
      PREV199800236776
TI
      Zinc and brain injury.
      Choi, Dennis W. [Reprint author]; Koh, Jae Y.
ΑU
      Cent. Study Nerv. Syst. Injury, Box 8111, Washington Univ. Sch. Med., 660
      S. Euclid Áve., St. Louis, MO 63110, USA
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      Alto, California 94306, USA. Séries: Annual Review of Neurosciencé.
      CODEN: ARNSD5. ISSN: 0147-006x. ISBN: 0-8243-2421-8.
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      Book; (Book Chapter)
      General Review; (Literature Review)
      English
      Entered STN: 4 Jun 1998
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      Last Updated on STN: 4 Jun 1998
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      ANSWER 48 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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      PREV199799804020
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      Multiple roles of Eph-like kinases and their ligands during development.
      Sefton, Mark; Nieto, M. Angela [Reprint author]
     Instituto Cajal, CSIC, Doctor Arce 37, E-28002 Madrid, Spain Cell and Tissue Research, (1997) Vol. 290, No. 2, pp. 243-250. CODEN: CTSRCS. ISSN: 0302-766X.
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      Article
      General Review; (Literature Review)
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      Entered STN: 21 Nov 1997
      Last Updated on STN: 21 Nov 1997
      ANSWER 49 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
      1997:504816 BIOSIS
ΑN
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      PREV199799804019
      Genetic analysis of the role of
TI
                                            ***Eph***
                                                            ***receptors***
                                                                                 in the
      development of the mammalian nervous system.
      Frisen, Jonas; Barbacid, Mariano [Reprint author]
     Dep. Molecular Oncol., Bristol-Myers Squibb Pharm. Res. Inst., Princeton,
     NJ_08543-4000, USA
     Cell and Tissue Research, (1997) vol. 290, No. 2, pp. 209-215. CODEN: CTSRCS. ISSN: 0302-766X.
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     Article
     General Review; (Literature Review)
     English
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     Entered STN: 21 Nov 1997
     Last Updated on STN: 21 Nov 1997
13
     ANSWER 50 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. ON STN
     1997:189218 BIOSIS
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     PREV199799488421
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     Characterisation of Cek-11, a member of the
                                                          ***EPH*** - ***receptor***
     family in the chick embryo.
     Araujo, Maria; Nieto, M. Angela
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Inst. Cajal, CSIC, Avda de Dr. Arce 37, 28002 Madrid, Spain

International Journal of Developmental Biology, (1996) Vol. 0, No. SUPPL.

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     Meeting Info.: First Congress of the Spanish Society of Developmental
     Biology and International Workshop on Developmental Approaches in Cancer
     Biology. Leioa, Spain. December 9-13, 1996.
     CODEN: IJDBE5. ISSN: 0214-6282.
     Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
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     English
     Entered STN: 2 May 1997
ED
     Last Updated on STN: 2 May 1997
L3
     ANSWER 51 OF 187 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     1997:23539
ΑN
                  BIOSIS
     PREV199799322742
DN
TT
     Similarities and differences in the way transmembrane-type ligands
     interact with the Elk subclass of
                                            ***Eph***
                                                            ***receptors***
     Brambilla, Riccardo; Brueckner, Katja; Orioli, Donata; Bergemann, Andrew D.; Flanagan, John G.; Klein, Ruediger [Reprint author] European Molecular Biol. Lab., Meyerhofstrasse 1, 69117 Heidelberg,
CS
     Germany
     Molecular and Cellular Neuroscience, (1996) Vol. 8, No. 2-3, pp. 199-209.
S<sub>0</sub>
     CODEN: MOCNED. ISSN: 1044-7431.
DT
     Article
     English
LA
FD
     Entered STN: 15 Jan 1997
     Last Updated on STN: 23 Jan 1997
      ANSWER 52 OF 187 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
L3
ΑN
      2003-17226 BIOTECHDS
      Alleviating a symptom of a disease or disorder of the nervous system by
ΤI
      administering a modulator of neural stem or neural progenitor cell
      activity in vivo to a patient;
          liposome, retro virus, adeno virus or vaccinia virus-mediated gene
          transfer and expression in animal stem cell for transplantation and
      disease gene therapy
HOLMBERG J; FRISEN J
ΑIJ
PA
      NEURONOVA AB
PΙ
      WO 2003040304 15 May 2003
ΑI
      WO 2002-IB4930 11 Nov 2002
PRAI
      US 2002-393272 2 Jul 2002; US 2001-345206 9 Nov 2001
DT
      Patent
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      English
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      WPI: 2003-441543 [41]
L3
      ANSWER 53 OF 187 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI ON STN
      2002-18333 BIOTECHDS
ΑN
      Treating a neuronal deficiency, particularly epilepsy, senile dementia or
TI
      schizophrenia, by administering bone marrow-derived cells to an
      individual to induce the formation of new neurons in the nervous system;
          genetically modified marrow-derived cell, protein and hormone use in
          disease therapy
ΑU
      BRAZELTON T R; BLAU H M
      UNIV LELAND STANFORD JUNIOR
PA
      WO 2002037968 16 May 2002
PΙ
      WO 2000-US43806 10 Nov 2000
ΑI
PRAI
      US 2000-247128 10 Nov 2000
DT
      Patent
      English
ΙΑ
      WPĪ: 2002-490049 [52]
L3
      ANSWER 54 OF 187 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN
      2003:36870885
                       BIOTECHNO
      Transcriptional involvement in neurotoxicity
ΑU
      N.H. Zawia, Department of Biomedical Sciences, University of Rhode
      Island, Kingston, RI 02881, United States.
      E-mail: nzawia@uri.edu
      Toxicology and Applied Pharmacology, (15 JUL 2003), 190/2 (177-188), 87
      reference(s)
      CODEN: TXAPA0
                      ISSN: 0041-008X
      Journal; General Review
      United States
      English
      English
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2001:33049990
                         BIOTECHNO
       Semiquantitative expression analysis of ephrine-receptor tyrosine kinase
ΤI
       mRNA's in a rat model of traumatic brain injury
       Biervert C.; Horvath E.; Fahrig T.
T. Fahrig, Aprather Weg 18a, 42096 Wuppertal, Germany.
ΑU
CS
       E-mail: thomas fahrig tf@bayer-ag.de
       Neuroscience Letters, (23 NOV 2001), 315/1-2 (25-28), 24 reference(s) CODEN: NELED5 ISSN: 0304-3940
50
       s0304394001023126
PUI
DT
       Journal; Article
CY
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       English
SL
       English
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       ANSWER 56 OF 187 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
       2001:32201875
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ΑU
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      Dr. F. Lazarini, U. Neurovirol./Regen. Sys. Nerveux, Institut Pasteur, 25, rue du Dr. Roux, 75724 Paris Cedex 15, France. lazarini@pasteur.fr
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     Ferreira A.; Paganoni S.
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     A. Ferreira, Nw. Institute for Neuroscience, Searle Building, 320 East
     Superior Street, Chicago, IL 60611, United States. a-
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ferreira@northwestern.edu

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     N.E. Ziv, Rappaport Institute, Department of Anatomy, Bruce Rappaport
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     Faculty of Medicine, PO Box 9649, Bat Galim, Haifa 31096, Israel.
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      Kaprielian Z.; Imondi R.; Runko E.
      Z. Kaprielian, Albert Einstein College of Medicine, Dept. of Pathology
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E-mail: kapriel@aecom.yu.edu
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      C. Kalcheim, Dept. of Anatomy and Cell Biology, Hebrew University of
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       Sanes J.R.; Laskowski M.B.
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       Dr. M.B. Laskowski, WWAMI Medical Program, University of Idaho, Moscow.
       ID 83844-4207, United States.
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       I. Mason, Dept. Developmental Neurobiology, Med. Sch. Guys Kings St
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       Thom.s Hosp., King's College London, London SE1 9RT, United Kingdom.
      E-mail: i.mason@umds.ac.uk
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     Failure of Axon Repair in Chronic MS Lesions
Principal Investigator: SOBEL, RAYMOND A; RAYSOBEL@STANFORD.EDU, VETERANS
AFFAIRS HLTH CARE SYS, 3801 MIRANDA AVE, LAB SERV 113
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     STANFORD UNIVERSITY, STANFORD, CALIFORNIA
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     Neurotrophic Factor Regulation of Gene Expression
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     Principal Investigator: GREENBERG, MICHAEL E; MICHAEL.GREENBERG@TCH.HARVAR
     D.EDU, CHILDREN'S HOSPITAL, 300 LONGWOOD AVENUE, ENDERS 260
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     Synaptic regulation by EphA4 receptor signaling
     Principal Investigator: MURAI, KEITH K; KMURAI@BURNHAM.ORG, Keith Murai,
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     Principal Investigator: KAPRIELIAN, ZAVEN J; KAPRIEL@AECOM.YU.EDU. ALBERT
     EINSTEIN COLL OF MEDICINE, 1300 MORRIS PARK AVENUE
     YESHIVA UNIVERSITY, NEW YORK, NEW YORK
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     Principal Investigator: NAKAMOTO, MASARU; NAKAMOM@CCF.ORG, CLEVELAND
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     Molecular mechanisms of cerebellar system development
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     Principal Investigator: NAKAMOTO, MASARU; NAKAMOM@CCF.ORG, CLEVELAND
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     Principal Investigator: MOENS, CECILIA B; CMOENS@FHCRC.ORG, FRED
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     REGULATION OF NMDA RECEPTOR CLUSTERING BY EPH KINASES
SF
     Principal Investigator: SAHIN, MUSTAFA; SAHIN_M@AL.TCH.HARVARD.EDU,
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                                        and Behavioral Sensitization to Cocaine
     Principal Investigator: SCHMIDT, HEATH D; DONMAR@BU.EDU, BOSTON UNIVERSITY
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     SCH OF MED, 80 EAST CONCORD ST, R-612
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       Extracellular Matrix and Failure of Repair in Chronic MS Lesions
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       Principal Investigator: Sobel, Raymond A., M.D.
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        (15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of
       America
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         TRANSMEMBRANE PROTEIN AS A DOWNSTREAM TARGET OF NEUROTROPHIN AND
            ***EPHRIN***
                                 RECEPTOR TYROSINE KINASES, DNA ENCODING SAME AND
        MONOCLONAL ANTIBODIES THERETO
        Chao Moses V; Kong Haeyoung
IN
        New York University (59449)
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        CHEMICAL
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          20 Figure(s).
       FIG. 1 shows the predicted topology of ARMS. Transmembrane domains and
        various intracellular motifs are depicted.
       FIG. 2 shows the amino acid sequence and comparison of rat (SEQ ID NO:2)
        and human (SEQ ID NO:4) ARMS proteins. Dash-lined residues denote 11 contiguous ankyrin repeats; bold-faced tyrosine (Y) residues (at
        positions 399, 409, 441, 444, and 466 of the rat sequence) are evolutionarily conserved among human, rat, Drosophila, and C. elegans;
        boxed residues are the putative transmembrane domains; italicized
        residues denote the polyproline stretch; shadowed residues constitute the SAM domain (aa1152-1221); carboxy-most three asterisked amino acids (SIL) encode a PDZ-binding motif.
       FIG. 3 shows the comparison of various cytoplasmic regions of rat (r),
        human (h), Drosophila (d) and C. elegans (w) ARMS. 1, amino terminal
        region between the ankyrin repeats and the first transmembrane domain
        with bold-faced, evolutionarily conserved tyrosines (Y); 2, cytoplasmic
        region between transmembrane domains 2 and 3; 3 and 4, two carboxy terminal regions; 5, the SAM domain. Sequences for wARMS and dARMS were
        obtained from accession numbers Z68760 and AAF46710, respectively. The
        sequence for hARMS was determined from overlapping ESTs with accession numbers BAA86564 and CAB63746. (symbols: "*" identity, ":" strongly similar, "." weakly similar). The residue numbering of the various
        cytoplasmic regions corresponds to the residue numbering of the amino
        acid sequences of rARMS (SEQ ID NO:2), hARMS (SEQ ID NO:4), dARMS (SEQ ID
        NO:8), and wARMS (SEQ ID NO:6).
       FIGS. 4A and 4B show a Northern analysis of ARMS (FIG. 4A) and a methylene
        blue staining of the 28S ribosomal band as a loading control (FIG. 4B). A single transcript of 7.0 kb was detected by Northern analysis using a 32P-labeled ARMS cDNA probe (FIG. 4A). Each lane contained 20 mu g of total RNA (with the exception of pancreas and DRG lanes which contained less-than 10 mu g each) extracted from various rat tissue.
       FIGS. 5A-5D show the distribution of ARMS mRNA in the adult rat
***central*** ***nervous*** ***system*** by in site
      hybridization. A 33P-labeled cRNA probe was used to assess ARMS mRNA expression. Areas of intense labeling include the mitral cell layer of the olfactory bulb (OB; FIG. 5A), all regions of the hippocampus (HP; FIG. 5B), the Purkinje cell layer of the cerebellum (CB; FIG. 5C), grey matter-most notably in the ventral horn-of the spinal cord (SC; FIG. 5D). FIGS. 6A and 6B show the expression in adult rat dorsal root ganglion (DRG) by in situ hybridization. A 33P-labeled cRNA probe was used to
                                                                                     by in situ
        assess mRNA distribution in DRG as depicted in the dark field image
        (left). The majority of cell bodies of the DRG were positive for ARMS
        mRNA expression, but notable absences of expression were localized to the
        large diameter DRG cell bodies as depicted by the arrows in the dark
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field and the corresponding phase (FIG. 6B) photographs. (scale bars=1

FIGS. 7A-7C show expression of ARMS mRNA by in situ hybridization of ARMS in embryonic day 14 (E14) rat. In a coronal section through the midsection of an E14 rat, only spinal cord (sc) and dorsal root ganglion (drg) were positive for ARMS (FIG. 7A). In situ hybridization of ARMS in a midsagittal section (FIG. 7B) and a more lateral section (FIG. 7C) of E14 rat. ARMS mRNA expression was restricted to various brain regions such as the cortex (cx), hippocampus (hp), pons, medulla (med), basal telencephalon (bt), principal and spinal trigeminal nucleus (tn), superior and inferior colliculus (clc) and spinal cord (sc). Multiple ganglia expressed ARMS mRNA, such as the dorsal root ganglion (drg), trigeminal ganglion (tg), geniculate ganglion (gg), vestibular ganglion (vg), and superior cervical ganglion (scg). (white scale bars=1 mm; black scale bar=50 mu m)

FIGS. 8A-8B show the interaction of p75 with ARMS. HEK293T cells were co-transfected with cDNAs encoding full length ARMS, HATAGGED p75, ARMS plus p75, or empty vector. Cells lysates were immunoprecipitated with anti-ARMS 892 antiserum and immunoblotted with anti-HA (FIG. 8A). Expression of p75 receptors was confirmed by immunoblotting with anti-p75

(9992; FIG. 8B).

FIGS. 9A-9D show coprecipitation of TrkA and ARMS (FIG. 9A) and colocalization of TrkA and ARMS (FIGS. 9B-9D). In FIG. 9A, PC12 615 cells were treated for 10 minutes and 25 hours with NGF (100 ng/ml). Lysates were prepared and subjected to immunoprecipitation with anti-Trk C-14 antibody, followed by immunoblot with anti-ARMS antibody. Normal rabbit IgG was used as a negative control. In FIGS. 9B-9D, immunofluorescence analysis of ARMS and TrkA receptor in sympathetic neurons is shown. SCG sympathetic neurons were grown in the presence of 150 ng/ml NGF, fixed and immunostained as described in the Methods section of Example 1. The ARMS protein and the TrkA receptor were subjected to double immunostaining using an antiARMS antiserum (FIG. 9B) and an anti-Trk B-3 (FIG. 9C) monoclonal antibody and analyzed by confocal microscopy. The signal observed in FIG. 9D demonstrates overlap of the two signals (overlay) from immunostaining with anti-ARMS anti-serum and with an anti-TrkB monoclonal antibody. The arrow indicates cell surface co-localization of ARMS and TrkA.

FIGS. 10A and 10B show tyrosine phosphorylation of ARMS. In FIG. 10A, phosphorylation of ARMS by NGF in PC12 cells is rapid and can be blocked by K252a. The antiserum 892 was used to immunoprecipitate endogenously expressed ARMS from PC12 615 cell lysates. Anti-phosphotyrosine antibody, py99 was used to assess tyrosine phosphorylation of the immunoprecipitated ARMS. Within 1 minute of NGF treatment, phosphorylation of ARMS could be detected, suggesting a direct phosphorylation by TrkA. Furthermore, 100 nM K252a potently blocked ARMS phosphorylation (top). In lysates of the same samples, TrkA autophosphorylation is shown using py99 (bottom). The time course of ARMS phosphorylation by NGE in PC12 cells is shown in ETC. 108 The phosphorylation by NGF in PC12 cells is shown in FIG. 10B. The phosphorylation peaks within 10 minutes (m) and is sustained for at least 25 hours (h) (top). Reprobing of the same blot with 892 demonstrated equivalent levels of immunoprecipitated ARMS from the various lysates (bottom).

FIG. 11 shows specificity of ARMS phosphorylation. Phosphorylation of ARMS is specifically induced upon NGF, but not EGF, treatment of PC12 615 cells. Two time points, 10 minutes and 2 hours, were examined for tyrosine phosphorylation of ARMS using the following conditions: no ligand (CTRL), 50 ng/ml EGF and 100 ng/ml NGF. To demonstrate the specificity of the ARMS antiserum, 892 (I), preimmune antiserum (P) was used in parallel immunoprecipitations (IP). The lower panel shows the amount of ARMS protein that was immunoprecipitated from the various

FIG. 12 shows the effects of other neurotrophins. The neurotrophins BDNF and NT-4/5 induce phosphorylation of ARMS through the TrkB receptor. PC12 cells stably expressing TrkB were treated with either 100 ng/ml BDNF or 100 ng/ml NT4/5 and the phosphorylation of ARMS was measured as described

in FIG. 10A. BDNF, and to a lesser extent, NT4/5, were able to induce tyrosine phosphorylation of ARMS. The bottom panel depicts immunoprecipitated ARMS from each lysate.

FIG. 13 shows induction of ARMS phosphorylation in hippocampal neurons by BDNF. Primary cultures of E17 hippocampal neurons were prepared and treated with 50 ng/ml BDNF for the indicated times. Phosphorylation of ARMS was assessed by immunoprecipitation with anti-ARMS 892 antiserum and Western blotting with anti-phosphotyrosine py99 antibody (top panel). Equal amounts of ARMS protein were immunoprecipitated from each lysate as shown with reprobing the same blot with 892.

ephrins . In FIG. 14A,

FIGS. 14A and 14B show the effects of

ephrin B2 induces ARMS tyrosine phosphorylation in NG108-15 cells expressing EphB2 receptor. Lysates were made from untreated or ligand-stimulated NG108-15 cells (using aggregated ***ephrin*** 30-40 minutes) and immunoprecipitated with 892 antiserum. Tyrosine в2. phosphorylation was assessed with py99 in subsequent Western blots Equivalent amounts of ARMS were immunoprecipitated as shown in the lower panel. In FIG. 14B, tyrosine phosphorylation of ARMS by ***ephrin*** B2 peaks at 30 minutes. Thus, the time course of ARMS tyrosine phosphorylation closely parallels that of receptor autophosphorylation. FIGS. 15A and 15B show ARMS/Trk receptor interaction. Expression plasmids containing full length cDNAs for ARMS and TrkA, TrkB and TrkC receptors were transiently transfected into HEK293 cells (2 x 106 cells/plate) following the calcium-phosphate method. ARMS, Trk and EGF receptor expression were detected by immunoblotting. Cells were lysed in 1% NP-40 lysis buffer containing 20 mm Tris-HCl pH 8, 150 mm NaCl, 1% NP-40, 2 mm EDTA and protease inhibitors (0.15 units/ml aprotinin, 20 uM leupeptin and 1 mM phenylmethylsulphonylfluoride), at 4 degrees C., for 30 min. Immunoprecipitation was performed for 3 hours at 4 degrees C. using 2-3 mg of total protein extract and the Flag agarose-conjugated antibody (Sigma, St. Louis, Mo.). After several washes, immunoprecipitates were analyzed by SDS-PAGE followed by Western blot with different antibodies e.g., antibodies against TrkA, TrkB, TrkC, Arms, or EGFR. Reactive protein bands were visualized by enhanced chemiluminescence detection (Amersham Corp., Piscataway, N.J.).
FIGS. 16A and 16B show a PC12 Immunofluorescence analysis. PC12 cells with (FIG. 16A) or without (FIG. 16B) NGF treatment cultured in Lab-Tek chamber slides (Nalge Nunc International) coated with collagen and poly-L-lysine were fixed with paraformaldehyde and permeablized with cold methanol. Cells were blocked with PBS containing 10% FCS and incubated with purified antibody (3 mu g/ml) against the C-terminus of ARMS protein 892 (Fxample 1) Primary antibodies were visualized using protein, 892 (Example 1). Primary antibodies were visualized using fluorescence-conjugated secondary antibodies (FITCconjugated goat anti-rabbit IgG; Jackson Laboratories). Images were collected on a Leica confocal microscope (Nussloch, Germany) and show that ARMS is localized at neurite tips in PC12 cells after NGF treatment.

FIGS. 17A-17F show immunolocalization of ARMS and VAMP-2, a synaptic vesicle marker, in hippocampal neurons. Primary cultures of hippocampal neurons were obtained from rats E17-19 and maintained with Neurobasal medium (Gibco) supplemented with B-27 and 0.4 mM glutamine in Lab-Tek chamber slides (Nalge Nunc International) canded with poly-L-lysine. The cells were fixed with paraformaldehyde, permeablized with cold methanol and then blocked with PBS containing 10% FBS, 10% normal goat serum and and then blocked with PBS containing 10% FBS, 10% normal goat serum and 5% BSA for at least 30 minutes and incubated with anti-ARMS antibody 892 (FIG. 17A) and VAMP-2 (FIG. 17B) antibodies in blocking solution at room temperature or 4 degrees C. Primary antibodies were detected using fluorescence-conjugated secondary antibodies (FITC-conjugated goat anti-rabbit IgG and rhodamine-conjugated goat anti-mouse IgG (Jackson Laboratories)). Images were collected on a Leica confocal microscope. FIG. 17C is a merged image of FIGS. 17A and 17B). FIGS. 17D-17F represent an enlargement of the staining in the top FIGS. 17A17C respectively an enlargement of the staining in the top FIGS. 17A17C, respectively, with the white arrows designating tips of processes

FIG. 18 shows the localization of ARMS in axons and growth cones of hippocampal neurons. Cultures of hippocampal neurons were assessed for ARMS expression by indirect immunofluorescence, as described above for FIG. 17A. A concentration of ARMS protein was found at the growth cone (white arrow) and along the axon in a punctate distribution. FIG. 19 shows the interaction between ARMS and PDZ-containing proteins GRIP1, GRIP2 and PICK1. Expression plasmids containing myc-epitope tagged GRIP1, GRIP2 or PICK1 were cotransfected with a full length cDNA for ARMS in HEK293 cells. Cells were lysed in 1% NP-40 lysis buffer and immunoprecipitation was carried out with anti-myc antibodies, followed by Western blot for the ARMS protein. FIG. 20 shows a proposed schematic model of interactions between Trk receptors, ARMS, PDZ-containing proteins and glutamate receptors.! ANSWER 99 OF 187 IFIPAT COPYRIGHT 2004 IFI on STN 10224643 IFIPAT; IFIUDB; IFICDB METHODS FOR TREATING DISORDERS OF NEURONAL DEFICIENCY WITH BONE MARROW-DERIVED CELLS

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IN
      Blau Helen M; Brazelton Timothy R
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      US 2002168350
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      Utility; Patent Application - First Publication
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          ANSWER 100 OF 187 IFIPAT COPYRIGHT 2004 IFI on STN
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SHORT PEPTIDES FROM THE 'A-REGION' OF PROTEIN KINASES WHICH SELECTIVELY
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            MODULATE PROTEIN KINASE ACTIVITY; MODULATION SIGNAL TRANSDUCTION
           Ben-Sasson Shmuel (IL)
Children's Medical Center Corp The (10709)
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           US 2002137141
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             11 Figure(s).
          FIGS. 1A-1B are a table illustrating the amino acid sequences of the A
           region of the following protein kinases: Src, Yes, Fyn, Fgr, Lyn, Hck, Lck (SEQ ID NO. 1 to 7); Csk and Matk (SEQ ID NO. 8 to 9); focal
           adhesion kinase (FAK) (SEQ ID NO. 10); c-Ab1 (SEQ ID NO. 11); endothelial growth factor receptors Tie, Tek, FGF receptor (Bek, Flg, FGFR3, FGFR4), PDGF receptor a and b, Flt 1 and 4 and Flk1 (SEQ ID NO. 12 to 19); HGF receptors c-Met, c-Sea and Ron (SEQ ID NO. 20 to 22); EGF receptor (EGFR, ErbB2, ErbB3, ErbB4) (SEQ ID NO. 23 to 26); Ret (SEQ ID NO. 27); NGF receptors (Trk) (SEQ ID NO. 28 to 29); Syk and Zap70 (SEQ ID NO. 30 to 31); Jak kinases 1 through 3 and Tyk2 (SEQ ID NO. 32 to 35); insulin receptor kinase (IRK) (SEQ ID NO. 36); Activin receptor-like kinases 1 through 6 (ALK1, 2, 3, 4, 5, 6) (SEQ ID NO. 37 to 40); discoidin domain
           through 6 (ALK1, 2, 3, 4, 5, 6) (SEQ ID NO. 37 to 40); discoidin domain receptors 1 and 2 (DDR) (SEQ ID NO. 41 to 42); ACK (SEQ ID NO. 43);
               ***Ephrin***
                                            receptor B4 (SEQ ID NO. 44); TEC (SEQ ID NO. 45); Polo
           family kinases Plk, Plx1, polo, SNK, CDC5, Sak, Prk, Fnk and Plo1 (SEQ ID
           NO.46 to 53).
         FIGS. 2A-2E are a group of sequences illustrating the consensus amino acid sequences of the A region found among the family of protein kinases. Also shown are examples of conservative substitutions in these amino acid sequences. An "*" indicates an aliphatic, substituted aliphatic,
           benzylic, substituted benzylic, aromatic or substituted aromatic ester of
           glutamic acid or aspartic acid.
         FIGS. 3A-3B are a Table illustrating the sequences of the following compounds: Plk K035A100; Plx1 K036A100; polo K037A100; SNK K038A100; CDC5 K039A100; Sak K040A100; Prk K041A100; Plo1 K043A100; ALK1 K048A100; c-Src K051A100; c-Yes K052A100; Fyn K053A100; c-Fgr K054A100; Lyn K055A100; Hck K056A100; Lck K057A100; Csk K058A100; Matk K059A100; Fak K060A100; c-Ab1 K061A100; Tie K062A100; PDGFR-b K064A100; PDGFRa K065A100; Flt1 K066A100; Elta K067A100; C-Sea
           Flt4 K067A100; Flg K069A100; FGFR-4 K072A100; c-Met K073A100; c-Sea
           K074A100; Ron K075A100; EGFR K076A100; ErbB2 K077A100; ErbB3 K078A100;
          ErbB4 K079A100; Ret K080A100; Trk-NGFR K081A101 K081A102 K081A103 K0; Syk K082A100; Zap70 K083A100; Jak1 K084A100; Jak2 K085A100; Jak3 K086A100; IRK K094A103 K094A104 K094A105 K094A106 K094A107 K094A108 K094A112 K094A113 K094A114 K094A115 K094A118 K094A118 K094A119 K094A131 K094A132
          K094A122; ALK2 K097A100; ALK3 K098A100; TrkB K102A100; DDR1 K104A100; DDR2 K105A100; Tyk2 K108A100; Eph-B4 K114A100; ITK/TSK K140A100; ACK
         K141A100 (SEQ ID No. 54 to 122, respectively).

Peptides are N-myristylated and C-amidated. "K+" indicates a benzoylated lysine residue (epsilon amino). "C5" indicates a lysine-epsilon-amino cysteine. "C6" indicates an alanine-betaatine cysteine. FIG. 3 shows that
          one or more glycine residues can be added to the N-terminus of the native
          A-region amino acid sequence. FIG. 3 also indicates from which protein
        kinase each peptide is derived.
FIG. 4 shows the result of "Ala-scan" as determined by glucose uptake
           assay (Example 2).
         FIG. 5A shows the 3D structure of IRK in a space-filled manner, and FIG.
          5B in a "stick" manner, colored by accessibility (dark to light from the
          most to the least accessible):.
        FIG. 6A shows glucose uptake in the presence of two compounds of the invention ("107", "205") alone or in combination with 10 mu U insulin; and FIG. 6B shows glucose uptake in the presence of a different concentrations of the compound ("107") of the invention.

FIG. 7 shows the blood glucose levels in an animal model of diabetes Type
          I, after administration with two compounds of the invention.
        FIG. 8 shows the effect of a compound of the invention in the neuronal
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crest migration in the presence or absence of noggin.

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PKB in the presence of the compound comprising an IRK derived peptide of
       the invention and insulin.
      FIG. 10 shows western blot indicating decrease of phosphorylation of IRK
       substrates, in a dose dependent manner in the presence of the compound of
       the invention (618 derived from an A-region) and lack of effect in the
       presence of a control compound not derived from the A-region.
      ANSWER 101 OF 187 IFIPAT COPYRIGHT 2004 IFI on STN
       10193421 IFIPAT; IFIUDB; IFICDB
       AL-1 NEUROTROPHIĆ FACTOR, A LIGAND FOR AN EPH RELATED TYROSINE KINASE RECEPTOR; THERAPY FOR ***CENTRAL*** ***NERVOUS*** ***SYSTEM
                                                                              ***SYSTEM***
       DISORDERS
       CARES INGRID W; WINSLOW JOHN W
       Unassigned Or Assigned To Individual (68000)
       US 2002137126
                        A1 20020926
       US 1996-578684
                              19960102
       wo 1995-us14016
                              19951026
       US 2002137126
                              20020926
      Utility; Patent Application - First Publication
       CHEMICAL
       APPLICATION
CLMN
      39
        4 Figure(s).
     FIG. 1 shows the nucleotide coding sequence (SEQ. ID. NO: 1), and the deduced amino acid sequence (SEQ. ID. NO: 2) encoded by the isolated REK7
      CDNA. The N-terminus of the mature REK7 protein is indicated by a
      rightward arrow and the C-terminus of the REK7 extracellular dómain is
       indicated by a vertical arrow.
     FIG. 2 shows the nucleotide coding sequence (SEQ. ID. NO: 3), and the deduced amino acid sequence (SEQ. ID. NO: 4) encoded by the isolated AL-1
      cDNA. The N-terminus of the mature AL-1 protein is indicated by a
      rightward arrow (the mature protein begins with amino acid residue number
      21). The underlined sequences corresponds to the sequences obtained by
       sequencing of purified BT20 cell-derived AL-1.
     The shaded boxes indicate potential N-glycosylation sites. The unshaded box shows the C-terminal hydrophobic domain and the upward arrow
      indicates a potential attachment site for glycophosphatidyl-inositol
       (GPI). The anchor is likely to be at Asn-103. As taught herein AL-1
      expressed on the surface of BT20 cells is GPI anchored.
     FIG. 3 shows a comparison of the AL-1 sequence with that of ELF1 (Cheng
      and Flanagan, Cell 79:157-168 (1994)), B61 (Bartley et al., Nature 368:558-560 (1994)), EHK-1-L (Davis et al. Science 266:816-819 (1994))
      and the extracellular domain of LERK2 (Beckmann et al., EMBO J
13:3757-3762 (1994)). Identical amino acids are boxed, and gaps
introduced for optimal alignment are indicated by dashes. Shaded areas
      highlight conserved cysteine residues.
     ANSWER 102 OF 187 JICST-EPlus COPYRIGHT 2004 JST on STN
     1030333660 JICST-EPlus
     Studies of neural circuit refinement by mouse genetics.
     IWASATO TAKUJI; ITOHARA SHIGEYOSHI
     Inst. of Physical and Chemical Res.
     Seitai no Kagaku, (2003) vol. 54, no. 2, pp. 138-145. Journal Code: G0570A
     (Fig. 6, Ref. 29)
     CODEN: SEKAA6; ISSN: 0370-9531
     Japan
     Journal; Commentary
     Japanese
     New
     ANSWER 103 OF 187 JICST-EPlus COPYRIGHT 2004 JST on STN
     1030006062 JICST-EPlus
     Graded expression patterns of ***ephrin*** -As in the superior
     colliculus after lesion of the adult mouse optic nerve.
     DRESCHER U
     King's Coll. London, London, Gbr
     Nihòn Shinkei Kagaku Taikai Puroguramu, Shorokushu, (2001) vol. 24th, pp.
     197. Journal Code: L4418A
     ISSN: 1347-8583
     Japan
     Conference; Preprint
     English
    New
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ANSWER 104 OF 187 JICST-EPlus COPYRIGHT 2004 JST on STN

FIG. 9. shows western blot showing increase of phosphorylation of IRK and

L3

ΑN

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CS SO

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DT

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L3

STA

STA

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1020154624 JICST-EPlus
AN
      Development of neuriatria method of the glia cell by functional regulation
TI
      ( human science promotion foundation S ).
ΑU
      KOSAKA SHIN'ICHI
      KOIZUMI SHIN'ICHI
      Natl. Inst. of Neurosci.
CS
      Nobarutisufama Kenkyuhombu
      Soyakuto Hyuman Saiensu Kenkyu Juten Kenkyu Hokokusho. Heisei 12 Nendo.
SO
     Dai2 Bun'ya. Seitai Kino Chosetsuto no Kaimei ni kansuru Kenkyu, (2001) pp. 149-159. Journal Code: N20020042 (Fig. 6, Tbl. 1, Ref. 8)
CY
      Japan
DT
      Journal: Short Communication
LA
      Japanese
STA
     New
L3
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AN
      1010964713 JICST-EPlus
      Graded expression patterns of
TI
                                      ***ephrin*** -As in the superior
      colliculus after lesion of the adult mouse optic nerve.
ΑU
      DRESCHER U
      King's Coll. London, London, Gbr
CS
SO
      Shinkei Kagaku (Bulletin of the Japanese Society for Neurochemistry),
      (2001) vol. 40, no. 2/3, pp. 253. Journal Code: Y0225A
      ISSN: 0037-3796
CY
DT
      Conference; Preprint
     English
LA
STA
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L3
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ΑN
                JICST-EPlus
     Regulation mechanism in the morphogenesis. Molecular mechanism controlling
TI
      formation and regeneration of organs. Outgrowth interference for
     motoneuron neurite by ***Eph***
                                             ***receptor*** type tyrosine
     kinase. (Ministry of Education, Science and Culture S).
ΑU
     TANAKA HIDEAKI
CS
     Kumamoto Univ., Med. Sch.
     Keitai Keisei no Chosetsu Kiko. Heisei 8 Nendo. No.05277102, (1997) pp.
SO
     22-23. Journal Code: N19972420 (Ref. 8)
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     Journal; Commentary
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     New
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     960855562 JICST-EPlus
ΑN
TT
     Growth inhibition of motoneuron neurite by
                                                      ***Eph***
                                                                     ***receptor***
     type tyrosine kinase Cek8 and ligand ELF-1 and RAGS.
     OTA YOSHIMASA; IWAMASA HIROKO; TĀNAKA HIDEAKI
ΑU
CS
     Kumamoto Univ.
     Shinkei Kagaku (Bulletin of the Japanese Society for Neurochemistry), (1996) vol. 35, no. 3, pp. 592-593. Journal Code: Y0225A (Fig. 2, Ref. 6)
SO
     ISSN: 0037-3796
CY
     Japan
DT
     Conference: Article
     Japanese
LA
STA
     New
     ANSWER 108 OF 187 LIFESCI 2001:29617 LIFESCI
L3
                                     COPYRIGHT 2004 CSA on STN
ΑN
     Two homeobox genes define the domain of EphA3 expression in the developing
TI
     chick retina
ΑU
     Schulte, D.; Cepko, C.L.
     Department of Genetics and Howard Hughes Medical Institute, Harvard
CS
     Medical School, Boston, MA 02115, USA; E-mail:
     cepko@genetics.umed.harvard.edu
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     ISSN: 0950-1991.
DT
     Journal
FS
     G; N3
     English
LA
SL
     English
L3
     ANSWER 109 OF 187 LIFESCI
                                     COPYRIGHT 2004 CSA on STN
ΑN
     97:24065 LIFESCI
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The Eph kinase ligand AL-1 is expressed by rostral muscles and inhibits

TI

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outgrowth from caudal neurons
      Donoghue, M.J.; Lewis, R.M.; Merlie, J.P.; Sanes, J.R.
ΑU
      Sect. Neurobiology, Yale Univ. Sch. Med., 333 Cedar St., New Haven, CT
CS
      06510, USA
S<sub>0</sub>
      MOL. CELL. NEUROSCI., (1996) vol. 8, no. 2-3, pp. 185-198.
      ISSN: 1044-7431.
DT
      Journal
      Ν3
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      English
LA
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L3
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                               MEDLINE on STN
      2003456031
AN
                       IN-PROCESS
      PubMed ID: 14516691
DN
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TI
      brain and spinal cord.
Greferath Ursula; Canty Alison J; Messenger Jonathan; Murphy Mark
Department of Anatomy and Cell Biology, University of Melbourne, Victoria
AU
CS
      3010, Australia.. ursulag@unimelb.edu.au
      Mechanisms of development, (2002 Dec) 119 Suppl 1 S231-8.
      Journal code: 9101218. ISSN: 0925-4773.
CY
      Ireland
DT
      Journal; Article; (JOURNAL ARTICLE)
      English
FS
      IN-PROCESS; NONINDEXED; Priority Journals
      Entered STN: 20031001
ED
      Last Updated on STN: 20031218
L3
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                              MEDLINE on STN
      97102786
AN
                    MEDLINE
DN
      97102786
                  PubMed ID: 8947026
TI
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      palate formation.
      Orioli D; Henkemeyer M; Lemke G; Klein R; Pawson T
      European Molecular Biology Laboratory, Heidelberg, Germany. EMBO JOURNAL, (1996 Nov 15) 15 (22) 6035-49. Journal code: 8208664. ISSN: 0261-4189.
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CY
      ENGLAND: United Kingdom
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      Journal; Article; (JOURNAL ARTICLE)
LA
      English
FS
      Priority Journals
EΜ
      199701
      Entered STN: 19970128
ED
      Last Updated on STN: 20000303
      Entered Medline: 19970109
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L3
ACCESSION NUMBER:
                      2001:141015 PROMT
TITLE:
                      Neurology on the Frontier : An Era of Discovery.
AUTHOR(S):
                       Sellers, L.J.; Brichacek, Andra
SOURCE:
                      Pharmaceutical Executive, (Feb 2001) Vol. 21, No. 2, pp. 54
                      ISSN: 0279-6570.
PUBLISHER:
                      Advanstar Communications, Inc.
DOCUMENT TYPE:
                      Newsletter
LANGUAGE:
                      English
WORD COUNT:
                      3237
                      *FULL TEXT IS AVAILABLE IN THE ALL FORMAT*
L3
     ANSWER 113 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
AN
     2003:586171 SCISEARCH
GΑ
     The Genuine Article (R) Number: 696MY
TI
     Distinguishing between directional guidance and motility regulation in
     neuronal migration
     Ward M; McCann C; DeWulf M; Wu J Y (Reprint); Rao Y
CS
     Washington Univ, Sch Med, Dept Pediat & Mol Biol & Pharmacol, Box 8108,
     660 S Euclid Ave, St Louis, MO 63110 USA (Reprint); Washington Univ, Sch Med, Dept Pediat & Mol Biol & Pharmacol, St Louis, MO 63110 USA;
     Washington Univ, Sch Med, Dept Anat & Neurobiol, St Louis, MO 63110 USA
CYA
     JOURNAL OF NEUROSCIENCE, (15 JUN 2003) Vol. 23, No. 12, pp. 5170-5177.
SO
     Publisher: SOC NEUROSCIENCE, 11 DUPONT CIRCLE, NW, STE 500, WASHINGTON, DC
     20036 USA.
     ISSN: 0270-6474.
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DT

Article; Journal

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ΙA
     English
REC Reference Count: 40
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L3
      ANSWER 114 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
AN
      2002:728511 SCISEARCH
GA
      The Genuine Article (R) Number: 587PJ
TI
      Expression of vema in the developing mouse spinal cord and optic chiasm
     Runko E; Kaprielian Z (Reprint)
Albert Einstein Coll Med, Dept Neurosci, Kennedy Ctr, Room 624, 1410
Pelham Pkwy S, Bronx, NY 10461 USA (Reprint); Albert Einstein Coll Med,
ΑU
CS
      Dept Neurosci, Kennedy Ctr, Bronx, NY 10461 USA; Albert Einstein Coll Med,
      Dept Pathol, Kennedy Ctr, Bronx, NY 10461 USA
CYA
     USA
      JOURNAL OF COMPARATIVE NEUROLOGY, (23 SEP 2002) Vol. 451, No. 3, pp.
S0
      289-299.
      Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
      NY 10158-0012 USA.
     ISSN: 0021-9967
     Article; Journal
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ΙA
     English
REC
     Reference Count: 73
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
     ANSWER 115 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
     2001:982316 SCISEARCH
GA
     The Genuine Article (R) Number: 499QP
TI
     Molecules, maps and synapse specificity
     Benson D L (Reprint); Colman D R; Huntley G W
CUNY Mt Sinai Sch Med, Neurobiol Res Ctr, 1425 Madison Ave, New York, NY
ΑU
CS
     10029 USA (Reprint); CUNY Mt Sinai Sch Med, Neurobiol Res Ctr, New York,
     NY 10029 USA; CUNY Mt Sinai Sch Med, Dept Neurol, New York, NY 10029 USA;
     CUNY Mt Sinai Sch Med, Dept Biochem, New York, NY 10029 USA
CYA
     NATURE REVIEWS NEUROSCIENCE, (DEC 2001) Vol. 2, No. 12, pp. 899-909.
S0
     Publisher: NATURE PUBLISHING GROUP, HOUNDMILLS, BASINGSTOKE RG21 6XS.
     HAMPSHIRE, ENGLAND.
     ISSN: 1471-0048.
DT
     General Review: Journal
LA
     English
REC
     Reference Count: 161
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
13
     ANSWER 116 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
     2001:885226 SCISEARCH
AN
     The Genuine Article (R) Number: 488TP
GA
     Granule cells migrate within raphes in the developing cerebellum: An
TI
     evolutionarily conserved morphogenic event
ΑIJ
     Karam S D; Kim Y S; Bothwell M (Reprint)
CS
     Univ Washington, Dept Physiol & Biophys, Box 357290, Seattle, WA 98195 USA
     (Reprint); Univ Washington, Dept Physiol & Biophys, Seattle, WA 98195 USA
CYA
     USA
     JOURNAL OF COMPARATIVE NEUROLOGY, (12 NOV 2001) Vol. 440, No. 2, pp.
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     127-135.
     Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
     NY 10158-0012 USA.
     ISSN: 0021-9967.
DT
     Article; Journal
LA
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REC
     Reference Count: 29
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
     ANSWER 117 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
13
     2001:719464 SCISEARCH
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GA
     The Genuine Article (R) Number: 468VZ
TI
     Proteins involved in the synaptic organization of AMPA
     (alpha-amino-3-hydroxy-5-methylisoxazolepropionate) receptors
ΑU
     Henley J (Reprint)
     Univ Bristol, Sch Med Sci, Dept Anat, MRC, Ctr Synapt Plast, Bristol BS8
CS
     1TD, Avon, England (Reprint)
     England
CYA
     BIOCHEMICAL SOCIETY TRANSACTIONS, (AUG 2001) Vol. 29, Part 4, pp. 485-488.
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     Publisher: PORTLAND PRESS, 59 PORTLAND PLACE, LONDON W1N 3AJ, ENGLAND.
     ISSN: 0300-5127
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LA

Article; Journal

English

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REC Reference Count: 32
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L3
      ANSWER 118 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
      2001:447351 SCISEARCH
ΑN
      The Genuine Article (R) Number: 436JB
GΑ
TI
      Specification and morphogenesis of the zebrafish larval head skeleton
      Kimmel C B (Reprint); Miller C T; Moens C B
Univ Oregon 1254, Inst Neurosci, Eugene, OR 97403 USA (Reprint); Fred
Hutchinson Canc Res Ctr, Div Basic Sci, Seattle, WA 98109 USA; Fred
Hutchinson Canc Res Ctr, Program Dev Biol, Seattle, WA 98109 USA
ΑU
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      DEVELOPMENTAL BIOLOGY, (15 MAY 2001) Vol. 233, No. 2, pp. 239-257.
      Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA
      92101-4495 USA.
      ISSN: 0012-1606.
DT
      General Review; Journal
LA
      English
REC
      Reference Count: 100
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L3
      ANSWER 119 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
      2001:252075 SCISEARCH
ΑN
GΑ
      The Genuine Article (R) Number: 414BA
      Control of retinal growth and axon divergence at the chiasm: lessons from
TI
      Xenopus
ΑU
      Mann F; Holt C E (Reprint)
CS
      Univ Cambridge, Dept Anat, Downing St, Cambridge CB2 3DY, England
      (Reprint); Univ Cambridge, Dept Anat, Cambridge CB2 3DY, England
CYA
     England
     BIOESSAYS, (APR 2001) Vol. 23, No. 4, pp. 319-326.
S0
      Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL
      PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.
      ISSN: 0265-9247.
DT
      General Review; Journal
LA
      English
REC
     Reference Count: 57
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L3
      ANSWER 120 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
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      2001:204120 SCISEARCH
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     The Genuine Article (R) Number: 404YG
     The N-terminal leucine-rich regions in Slit are sufficient to repel
     olfactory bulb axons and subventricular zone neurons
     Chen J H; Wen L; Dupuis S; Wu J Y; Rao Y (Reprint)
Washington Univ, Sch Med, Dept Anat & Neurobiol, Box 8108, 660 S Euclid
ΑU
CS
     Ave, St Louis, MO 63110 USA (Reprint); Washington Univ, Sch Med, Dept Anat
     & Neurobiol, St Louis, MO 63110 USA; Washington Univ, Sch Med, Dept Pediat
     & Mol Biol & Pharmacol, St Louis, MO 63110 ŪSA
CYA
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S0
     Publisher: SOC NEUROSCIENCE, 11 DUPONT CIRCLE, NW, STE 500, WASHINGTON, DC
     20036 USA.
     ISSN: 0270-6474.
DT
     Article; Journal
LA
     English
     Reference Count: 46
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     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L3
     ANSWER 121 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
AN
     1999:406081 SCISEARCH
GA
     The Genuine Article (R) Number: 198EL
     Neurotractin, a novel neurite outgrowth-promoting Ig-like protein that
TI
     interacts with CEPU-1 and LAMP
ΑU
     Marg A; Sirim P; Spaltmann F; Plagge A; Kauselmann G; Buck F; Rathjen F G;
     Brummendorf T (Reprint)
CS
     MAX DELBRUCK CTR MOL MED, D-13092 BERLIN, GERMANY (Reprint); MAX DELBRUCK
     CTR MOL MED, D-13092 BERLIN, GERMANY; BABRAHAM INST, CAMBRIDGE CB2 4AT,
     ENGLAND; UNIV HAMBURG, CTR MOL NEUROBIOL, D-22529 HAMBURG, GERMANY
CYA
     GERMANY; ENGLAND
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S0
     Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY
     10021.
     ISSN: 0021-9525.
DT
     Article; Journal
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English
 LA
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      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
 L3
      ANSWER 122 OF 187 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
      97:419147 SCISEARCH
 AN
      The Genuine Article (R) Number: XA979
Characterisation of five novel zebrafish Eph-related receptor tyrosine
 GΑ
 TI
      kinases suggests roles in patterning the neural plate
ΑU
      Cooke J E; Xu Q L; Wilson S W; Holder N (Reprint)
      UNIV LONDON KINGS COLL, DEV BIOL RES CTR, RANDALL INST, DIV BIOMED SCI,
 CS
      26-29 DRURY LANE, LONDÓN WC2B 5RL, ENGLAND (Reprint); ÚNIV LONDON KINGS COLL, DEV BIOL RES CTR, RANDALL INST, DIV BIOMED SCI, LONDON WC2B 5RL,
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CYA
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SO
      DEVELOPMENT GENES AND EVOLUTION, (APR 1997) vol. 206, No. 8, pp. 515-531.
      Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.
      ISSN: 0949-944x.
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FS
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REC
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      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L3
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        2004:18839 USPATFULL
AN
TI
        DRG11-responsive (dragon) gene family
        Woolf, Clifford J., Newton, MA, UNITED STATES
ΙN
        Samad, Tarek A., Charlestown, MA, UNITED STATES
PΙ
        US 2004014141
                                  20040122
                            Α1
ΑТ
        us 2003-419296
                            Α1
                                  20030417 (10)
        US 2002-373519P
PRAI
                             20020418 (60)
DT
        Utility
        APPLICATION
FS
LN.CNT 2724
INCL
        INCLM: 435/007.100
        INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL
               435/007.100
        NCLS:
               435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC
        [7]
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L3
      ANSWER 124 OF 187 USPATFULL ON STN
ΑN
        2004:12955 USPATFULL
        Novel human polynucleotides and polypeptides encoded thereby
TI
        Leach, Martin D., Madison, CT, UNITED STATES
TN
        Shimkets, Richard A., Guilford, CT, UNITED STATES
PΙ
        US 2004009474
                           A1
                                  20040115
       US 2001-864408
US 2000-206690P
ΑI
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                                  20010524 (9)
PRAI
                             20000524 (60)
       Utility
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FS
        APPLICATION
LN.CNT 21366
INCL
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        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
               536/023.200
NCL
               435/006.000
       NCLM:
       NCLS:
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       ICM: C12Q001-68
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L3
     ANSWER 125 OF 187 USPATFULL ON STN
       2004:2400 USPATFULL
ΑN
ΤI
       Remedies
IN
       Ohnogi, Hiromu, Kyoto, JAPAN
       Shiraga, Masahiro, Shiga, JAPAN
       Li, Tuo-Ping, Shiga, CHINA
       Kobayashi, Eiji, Shiga, JAPAN
       Nishimura, Kaori, Shiga, JAPAN
       Sagawa, Hiroaki, Shiga, JAPAN
       Kato, Ikunoshin, Kyoto, JAPAN
       US 2004002423
                            Α1
                                 20040101
ΑI
       US 2002-257321
                            A1
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20021010 (10)

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WO 2001-JP3074
                                    20010410
 PRAI
         JP 2000-108602
                                20000410
         JP 2000-308522
                                20001006
         JP 2001-19167
                                20010126
 DT
         Utility
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 FS
 LN.CNT 5588
 INCL
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                504/291.000; 504/314.000; 424/725.000; 424/764.000; 424/765.000; 424/750.000; 424/752.000; 424/755.000; 424/756.000; 424/757.000
         INCLS:
                 504/117.000
 NCL
        NCLM:
                 504/291.000; 504/314.000; 424/725.000; 424/764.000; 424/765.000;
        NCLS:
                 424/750.000; 424/752.000; 424/755.000; 424/756.000; 424/757.000
 IC
         [7]
         ICM: A01N063-00
         ICS: A01N043-02; A01N037-10; A61K035-78
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 126 OF 187 USPATFULL ON STN
 L3
 ΑN
        2003:334686 USPATFULL
        Vascularized organized tissues and uses thereof
 TI
 IN
        Vandenburgh, Herman H., Providence, RI, UNITED STATES
        Valentini, Robert F., Cranston, RI, UNITED STATES
        Wang, Xiao, Providence, RI, UNITED STATES
        Shansky, Janet, Barrington, RI, UNITED STATES
Ferland, Paulette, Tiverton, RI, UNITED STATES
DelTatto, Michael, Bristol, RI, UNITED STATES
Cell Based Delivery Inc. (U.S. corporation)
US 2003235561 A1 20031225
 PA
PΙ
ΑI
        US 2002-281765
                                    20021028 (10)
                              Α1
PRAI
        US 2002-391330P
                               20020625 (60)
        US 2002-399605P
                               20020730 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 5322
INCL
        INCLM: 424/093.210
        INCLS: 435/455.000; 435/366.000
NCL
                424/093.210
        NCLS:
                435/455.000; 435/366.000
IC
        [7]
        ICM: A61K048-00
        ICS: C12N005-08; C12N015-85
L3
      ANSWER 127 OF 187 USPATFULL ON STN
        2003:330208 USPATFULL
AN
TI
        Molecules interacting with CASL (MICAL) polynucleotides, polypeptides,
        and methods of using the same
IN
        Kolodkin, Alex L., Baltimore, MD, UNITED STATES
        Terman, Jon R., Baltimore, MD, UNITED STATES
        Mao, Tiany, Parkville, MD, UNITED STATES
        Pasterkamp, Ronald J., Baltimore, MD, UNITED STATES
        Yu, Hung-Hsiang, Lynnwood, WA, UNITED STATES
PΙ
        US 2003232419
                             Α1
                                   20031218
ΑI
        US 2003-359012
                                   20030204 (10)
                              Α1
                              20020204 (60)
PRAI
        US 2002-354178P
        US 2002-384302P
                               20020530 (60)
        US 2002-388325P
                               20020613 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 10590
INCL
        INCLM: 435/191.000
        INCLS: 435/069.100; 435/320.100; 435/325.000; 530/388.260; 435/006.000;
                435/007.200; 536/023.200
                435/191.000
NCL
        NCLM:
        NCLS:
               435/069.100; 435/320.100; 435/325.000; 530/388.260; 435/006.000;
                435/007.200; 536/023.200
IC
        [7]
        ICM: C12Q001-68
        ICS: G01N033-53; G01N033-567; C12N009-06; C12P021-02; C12N005-06;
        C07K016~40; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 128 OF 187 USPATFULL ON STN
        2003:319269 USPATFULL
AN
        Syndecans and angiogenesis
ΤI
IN
        Ekker, Stephen C., St. Paul, MN, UNITED STATES
```

```
Chen, Eleanor Y., Minneapolis, MN, UNITED STATES
 PΙ
         US 2003225018
                                       20031204
                                Α1
                                       20030117 (10)
 AΤ
         US 2003-347022
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 PRAI
         US 2002-349939P
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         Utility
 DT
 FS
         APPLICATION
 LN.CNT
         1440
 INCL
         INCLM: 514/044.000
         INCLS: 800/020.000; 536/023.200; 435/069.100; 435/320.100; 435/325.000;
                  435/226.000
NCL
         NCLM:
                  514/044.000
                  800/020.000; 536/023.200; 435/069.100; 435/320.100; 435/325.000;
         NCLS:
                  435/226.000
IC
         [7]
         ICM: A61K048-00
         ICS: A01K067-027; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       ANSWER 129 OF 187 USPATFULL ON STN
L3
AN
         2003:306406
                        USPATFULL
TI
         Methods and compositions for treating cardiovascular disease using 1682,
         6169, 6193, 7771, 14395, 29002, 33216, 43726, 69292, 26156, 32427, 240 7747, 1720, 9151, 60491, 1371, 7077, 33207, 1419, 18036, 16105, 38650,
         14245, 58848, 1870, 25856, 32394, 3484, 345, 9252, 9135, 10532, 186
8165, 2448, 2445, 64624, 84237, 8912, 2868, 283, 2554, 9464, 17799,
26686, 43848, 32135, 12208, 2914, 51130, 19489, 21833, 2917, 59590,
15992, 2094, 2252, 3474, 9792, 15400, 1452 or 6585 molecules
Logan, Thomas J., Springfield, PA, UNITED STATES
ΙN
         Chun, Miyoung, Belmont, MA, UNITED STATES
         Galvin, Katherine M., Jamaica Plain, MA, UNITED STATES
         Healy, Aileen, Medford, MA, UNITED STATES
         Acton, Susan L., Lexington, MA, UNITED STATES
         Donoghue, Mary A., West Roxbury, MA, UNITED STATES
         Stagliano, Nancy, North Reading, MA, UNITED STATES Perodin, Jacqueline, Arlington, MA, UNITED STATES
         Rodrigue-Way, Amelie, Malden, MA, UNITED STATES Millennium Pharmaceuticals, Inc. (U.S. corporation)
PA
ΡI
                                      20031120
         US 2003215840
                                Α1
         us 2003-353690
ΑI
                                      20030129 (10)
                                Α1
PRAI
         US 2002-353224P
                                 20020201 (60)
         US
            2002-364529P
                                  20020315 (60)
         US 2002-373861P
                                  20020419
                                            (60)
         US 2002-376287P
                                            (60)
                                 20020429
         US 2002-388080P
                                 20020612
                                            (60)
         US 2002-390971P
                                 20020624 (60)
         US 2002-394130P
                                 20020703 (60)
         US 2002-394797P
                                 20020710 (60)
         US 2002-404904P
                                 20020821 (60)
         US 2002-405450P
                                 20020823 (60)
         US
            2002-408070P
                                 20020904 (60)
         US 2002-424300P
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         US 2002-431079P
                                 20021205
                                            (60)
         US 2002-431042P
                                 20021205 (60)
DT
         Utility
FS
        APPLICATION
LN.CNT 15913
         INCLM: 435/006.000
INCL
         INCLS: 435/007.200; 424/146.100; 514/001.000; 514/044.000; 514/002.000
NCL
        NCLM:
                 435/006.000
                 435/007.200; 424/146.100; 514/001.000; 514/044.000; 514/002.000
        NCLS:
IC
         [7]
         ICM: A61K048-00
         ICS: A61K031-00; C12Q001-68; G01N033-53; G01N033-567; A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 130 OF 187 USPATFULL ON STN
ΑN
        2003:300764
                       USPATFULL
        Neural regeneration peptides and methods for their use in treatment of
TI
        brain damage
IN
        Sieg, Frank, Auckland, NEW ZEALAND
        Hughes, Paul, Auckland, NEW ZEALAND
PΙ
        US 2003211990
                               Α1
                                      20031113
ΑI
        US 2002-225838
                               Α1
                                      20020822 (10)
PRAI
        US 2001-314952P
                                20010824 (60)
DT
        Utility
FS
        APPLICATION
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LN.CNT 2971
INCL
         INCLM: 514/012.000
         INCLS: 530/350.000; 536/023.500
NCL
         NCLM:
                  514/012.000
         NCLS:
                  530/350.000; 536/023.500
         [7]
IC
         ICM: A61K038-17
         ICS: C12P021-02; C12N005-06; C07K014-47; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 131 OF 187 USPATFULL ON STN
AN
         2003:300763 USPATFULL
         Novel human protein kinases and protein kinase-like enzymes
ΤI
IN
         Plowman, Gregory D, San Carlos, CA, UNITED STATES
         Whyte, David, Belmont, CA, UNITED STATES
         Manning, Gerard, Menlo Park, CA, UNITED STATES
         Sudarsanam, Sucha, Greenbrae, CA, UNITED STATES
Martinez, Ricardo, Foster City, CA, UNITED STATES
                                      20031113
PΙ
         US 2003211989
                                Α1
ΑI
         us 2003-220955
                                Α1
                                      20030226 (10)
         wo 2001-US6838
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DT
         Utility
FS
         APPLICATION
LN.CNT 7135
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INCL
                 435/006.000; 435/069.100; 435/194.000; 435/320.100; 435/325.000;
         INCLS:
                  536/023.200
         NCLM:
NCL
                 514/012.000
                 435/006.000; 435/069.100; 435/194.000; 435/320.100; 435/325.000;
         NCLS:
                  536/023.200
IC
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         ICM: C12Q001-68
         ICS: A61K038-17; C07H021-04; C12N009-12; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 132 OF 187 USPATFULL ON STN
         2003:299872 USPATFULL
AN
TI
         Human kinases
IN
         Yue, Henry, Sunnyvale, CA, UNITED STATES
         Khan, Farrah A, Des_Plaines, IL, UNITED STATES
         Gururajan, Rajagopal, San Jose, CA, UNITED STATES
        Hafalia, April J A, Santa Clara, CA, UNITED STATES Chawla, Narinder K, Union City, CA, UNITED STATES Arvizu, Chandra S, San Jose, CA, UNITED STATES Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES
         Gandhi, Ameena R, San Francisco, CA, UNITED STATES
         Policky, Jennifer L, San Jose, CA, UNITED STATES
        Baughn, Mariah R, San Leandro, CA, UNITED STATES
        Tribouley, Catherine M, San Francisco, CA, UNITED STATES
        Thornton, Michael B, Oakland, CA, UNITED STATES
        Bandman, Olga, Mountain View, CA, UNITED STATES Nguyen, Danniel B, San Jose, CA, UNITED STATES Lu, Yan, Mountain View, CA, UNITED STATES Burford, Neil, Durham, CT, UNITED STATES
        Lal, Preeti G, Santa Clara, CA, UNITED STATES
        Ding, Li, Creve Coeur, MO, UNITED STATES
        Yao, Monique G, Carmel, IN, UNITED STATES
        Elliott, Vicki S, San Jose, CA, UNITED STATES
Recipon, Shirley A, San Francisco, CA, UNITED STATES
Kearney, Liam, San Francisco, CA, UNITED STATES
        Lu, Dyung Aina M, San Jose, CA, UNITED STATES
        Greenwald, Sara R, San Francisco, CA, UNITED STATES
        Tang, Y Tom, San Jose, CA, UNITED STATES
        Xu, Yuming, Mountain View, CA, UNITED STATES
        Walsh, Roderick T, Canterbury, UNITED KINGDOM
Gietzen, Kimberly J, San Jose, CA, UNITED STATES
        Yang, Junming, San Jose, CA, ÚNITÉD STATES
        Jackson, Jennifer L, Santa Cruz, CA, UNITED STATES
        US 2003211093
PT
                               Α1
                                      20031113
ΑI
        US 2003-333314
                               Α1
                                      20030115
                                                 (10)
        WO 2001-US23092
                                      20010720
DT
        Utility
        APPLICATION
FS
LN.CNT 9713
INCL
        INCLM: 424/094.500
        INCLS: 435/006.000; 435/069.100; 435/194.000; 435/320.100; 435/325.000;
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435/007.200; 435/070.210; 424/146.100; 530/388.260
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NCL
                 424/094.500
                 435/006.000; 435/069.100; 435/194.000; 435/320.100; 435/325.000;
         NCLS:
                 435/007.200; 435/070.210; 424/146.100; 530/388.260
IC
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         ICM: C12Q001-68
         ICS: G01N033-53; G01N033-567; C12P021-04; C12N005-06; C07K016-40;
         A61K039-395; C12N009-12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 133 OF 187 USPATFULL on STN
L3
AN
         2003:294332 USPATFULL
TI
         Beta netrin and uses thereof
IN
        Olson, Pamela, Chestnut Hill, MA, UNITED STATES
        Hunter, Dale, Canton, MA, UNITED STATES
Brunken, William, Canton, MA, UNITED STATES
        Koch, Manuel, Cambridge, MA, UNITED STATES
Burgeson, Robert, Marblehead, MA, UNITED STATES
PI
        us 2003207347
                                    20031106
                              Α1
ΑI
        US 2001-795671
                               Α1
                                    20010228 (9)
                                20000901 (60)
PRAI
        US 2000-229893P
        US 2000-185811P
                                20000229 (60)
        Utility
DT
FS
        APPLICATION
LN.CNT 5217
INCL
        INCLM: 435/069.100
        INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500; 530/388.220;
                 424/185.100; 800/008.000
NCL
        NCLM:
                 435/069.100
        NCLS:
                435/320.100; 435/325.000; 530/350.000; 536/023.500; 530/388.220;
                 424/185.100; 800/008.000
IC
        ICM: A01K067-00
        ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-705; C07K016-30
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 134 OF 187 USPATFULL on STN
L3
ΑN
        2003:289098 USPATFULL
TI
        Remedies
        Ohnogi, Hiromu, Kyoto, JAPAN
TN
        Kobayashi, Eiji, Shiga, JAPAN
        Li, Tuo-Ping, Shiga, JAPAN
        Nishimura, Kaori, Shiga, JAPAN
        Shiraga, Masahiro, Shiga, JAPAN
        Sagawa, Hiroaki, Shiga, JAPAN
        Kato, Ikunoshin, Kyoto, JAPAN
PΙ
        US 2003203857
                              Α1
                                    20031030
        US 2002-257277
ΑI
                              A1
                                    20021011 (10)
        WO 2001-JP3075
                                    20010410
PRAI
        JΡ
           2000-109983
                               20000411
        JP 2000-308524
                               20001006
        JP 2000-308525
                               20001006
DT
        Utility
FS
        APPLICATION
LN.CNT 2271
INCL
        INCLM: 514/027.000
        INCLS: 514/456.000; 514/570.000; 514/533.000; 514/679.000
NCL
        NCLM:
                514/027.000
        NCLS:
                514/456.000; 514/570.000; 514/533.000; 514/679.000
TC
        [7]
        ICM: A61K031-7048
        ICS: A61K031-343; A61K031-192; A61K031-235; A61K031-12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 135 OF 187 USPATFULL ON STN
ΑN
        2003:289088
                      USPATFULL
       Methods and compositions in treating pain and painful disorders using 9949, 14230, 760, 62553, 12216, 17719, 41897, 47174, 33408, 10002, 16209, 314, 636, 27410, 33260, 619, 15985, 69112, 2158, 224, 615, 443: 95431, 22245, 2387, 16658, 55054, 16314, 1613, 1675, 9569 or 13424
TI
        molecules
        Rosenfeld, Julie Beth, Sharon, MA, UNITED STATES
IN
        Silos-Santiago, Inmaculada, Del Mar, CA, UNITED STATES
        Millennium Pharmaceuticals, Inc. (U.S. corporation)
        US 2003203847
                              Α1
                                    20031030
AΤ
        US 2003-369022
                                    20030219 (10)
                              Α1
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US 2002-360495P
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                               20020228 (60)
                               20020404
        US 2002-370121P
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        US 2002-373010P
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        US 2002-373908P
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        US 2002-377717P
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        US 2002-379949P
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                                        (60)
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        US 2002-385280P
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        US 2002-386879P
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        US 2002-387536P
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        US 2002-404996P
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        US 2002-412006P
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        US 2002-417327P
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        US 2002-417499P
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        US 2002-426964P
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        US 2002-432320P
                              20021210 (60)
        Utility
DT
        APPLICATION
FS
LN.CNT 12663
INCL
        INCLM: 514/012.000
        INCLS: 435/006.000; 435/007.200
NCL
        NCLM:
                514/012.000
        NCLS:
                435/006.000; 435/007.200
IC
        ICM: A61K038-17
        ICS: C12Q001-68; G01N033-53; G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 136 OF 187 USPATFULL on STN
        2003:279232 USPATFULL
ΑN
TI
        Antibodies specific for semaphorin-like polypeptides
ΙN
        Boyle, Bryan J., San Francisco, CA, United States
        Yeung, George, Mountain View, CA, United States
        Arterburn, Matthew C., Los Gatos, CA, United States
        Mize, Nancy K., Mountain View, CA, United States
        Tang, Y. Tom, San Jose, CA, United States
        Liu, Chenghua, San Jose, CA, United States
        Drmanac, Radoje T., Palo Alto, CA, United States
        Nuvelo, Inc., Sunnyvale, CA, United States (U.S. corporation)
US 6635742 B1 20031021
PA
PΙ
                                  20031021
AΙ
        US 2000-653274
                                  20000831 (9)
        Continuation-in-part of Ser. No. US 2000-491404, filed on 25 Jan 2000,
RLI
        now abandoned
DT
        Utility
FS
        GRANTED
LN.CNT 5236
INCL
        INCLM: 530/387.100
        INCLS: 435/252.300; 435/320.100; 435/325.000; 435/007.100; 536/023.100; 536/024.100; 424/130.100
NCL
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               530/387.100
               424/130.100; 435/007.100; 435/252.300; 435/320.100; 435/325.000; 536/023.100; 536/024.100
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        [7]
IC
        ICM: C07K016-00
        ICS: G01N033-53; C12N001-20; C12N015-00; C12N015-09; C12N005-00;
        CO7H021-02; CO7H021-04; A61K039-395
EXF
        435/7.1; 435/320.1; 435/325; 435/252.3; 536/23.1; 536/24.1; 530/387.1;
        424/130.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 137 OF 187 USPATFULL on STN
L3
ΑN
       2003:238553 USPATFULL
ΤI
       Nerve regeneration promoters containing semaphorin inhibitor as the
       active ingredient
IN
       Kimura, Toru, Shiga, JAPAN
       Kikuchi, Kaoru, Hyogo, JAPAN
Kumagai, Kazuo, Hyogo, JAPAN
Hosotani, Nobuo, Hyogo, JAPAN
       Kishino, Akiyoshi, Osaka, JAPAN
PΙ
       US 2003166711
                                  20030904
                            Α1
ΑI
       US 2003-343125
                                  20030128 (10)
                            Α1
       WO 2001-JP6501
                                  20010727
PRAI
       JP 2000-228555
                             20000728
       JP 2000-390985
                             20001222
DT
       Utility
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APPLICATION
 FS
LN.CNT 2687
INCL
         INCLM: 514/455.000
         INCLS: 549/392.000; 435/254.500; 435/125.000; 530/350.000
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NCL
        NCLM:
                 549/392.000; 435/254.500; 435/125.000; 530/350.000
        NCLS:
         [7]
IC
        ICM: A61K031-353
        ICS: C07D047-02; C07K014-47; C12P017-06; C12N001-16
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 138 OF 187 USPATFULL ON STN
L3
ΑN
        2003:237328 USPATFULL
TI
        Functional role and potential therapeutic use of Reelin, Gas6 and
        Protein S in relation to adult neural stem or progenitor cells
IN
        Bertilsson, Goran, Vasterhaninge, SWEDEN
Falk, Anna, Solna, SWEDEN
        Frisen, Jonas, Stockholm, SWEDEN
        Heidrich, Jessica, Arsta, SWEDEN
        Hellstrom, Kristina, Sodertalje, SWEDEN
        Kortesmaa, Jarkko, Stockholm, SWEDEN
        Lindquist, Per, Bromma, SWEDEN
        Lundh, Hanna, Solna, SWEDEN
        McGuire, Jacqueline, Huddinge, SWEDEN
        Mercer, Alex, Bromma, SWEDEN
        Patrone, Cesare, Hagersten, SWEDEN
        Ronnholm, Harriet, Trangsund, SWEDEN
Wikstrom, Lilian, Spanga, SWEDEN
Zachrisson, Olof, Spanga, SWEDEN
PΙ
        US 2003165485
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ΑI
        US 2002-291171
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PRAI
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        US 2001-344725P
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           2002-393263P
                               20020702 (60)
        US 2001-345064P
                               20011109 (60)
        US 2002-394397P
                               20020708 (60)
        Utility
DT
        APPLICATION
FS
        3554
LN.CNT
INCL
        INCLM: 424/094.600
        INCLS: 424/146.100
NCL
        NCLM:
                424/094.600
        NCLS:
                424/146.100
IC
        [7]
        ICM: A61K038-46
        ICS: A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 139 OF 187 USPATFULL ON STN
        2003:225736 USPATFULL
ΑN
TI
        Method for diagnosing schizophrenia using objective indices
IN
        Nawa, Hiroyuki, Niigata-shi, JAPAN
        Takahashi, Hitoshi, Niigata-shi, JAPAN
Iritani, Shuji, Tokyo, JAPAN
PΙ
        US 2003157548
                              Α1
                                    20030821
ΑI
        US 2003-388410
                              Α1
                                   20030317 (10)
        Continuation of Ser. No. US 2000-723224, filed on 28 Nov 2000, PENDING
RLI
PRAI
        JP 2000-61775
                               20000307
DT
        Utility
FS
        APPLICATION
LN.CNT 1846
INCL
        INCLM: 435/006.000
        INCLS: 435/007.100; 424/009.200
                435/006.000
NCL
        NCLM:
                435/007.100; 424/009.200
        NCLS:
TC
        [7]
        ICM: C12Q001-68
        ICS: G01N033-53; A61K049-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 140 OF 187 USPATFULL ON STN
L3
        2003:225271 USPATFULL
ΑN
       Methods and compositions for treating cancer using 140, 1470, 1686
TI
       2089, 2427, 3702, 5891, 6428, 7181, 7660, 25641, 69583, 49863, 8897
       1682, 17667, 9235, 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427, 2160, 9252, 9389, 1642, 85269, 10297, 1584, 9525, 14124, 4469, 8990, 2100, 9288, 64698, 10480, 20893, 33230, 1586, 9943, 16334, 68862, 9011,
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14031, 6178, 21225, 1420, 32236, 2099, 2150, 26583, 2784, 8941, 9811,
        27444, 50566 or 66428 molecules
 IN
        Hunter, John Joseph, Somerville, MA, UNITED STATES
        MacBeth, Kyle J., Boston, MA, UNITED STATES
        Tsai, Fong-Ying, Newton, MA, UNITED STATES
        Lesoon, Andrea, Concord, MA, UNITED STATES
        Lightcap, Eric S., Natick, MA, UNITED STATES
        Williamson, Mark J., Saugus, MA, UNITED STATES
Rudolph-Owen, Laura A., Medford, MA, UNITED STATES
        Millennium Pharmaceuticals, Inc. (U.S. corporation)
PA
                                    20030821
PΙ
        US 2003157082
                              Α1
                                    20030130 (10)
ΑI
        US 2003-354358
                              Α1
PRAI
        US 2002-353600P
                               20020131 (60)
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                                         (60)
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        US 2002-382995P
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        US 2002-388853P
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        US 2002-389395P
                               20020617
                                         (60)
        US 2002-391324P
                               20020625
                                         (60)
        US 2002-395944P
                               20020715
                                         (60)
        US
           2002-397726P
                               20020722
                                         (60)
        US 2002-403046P
                               20020813
                                         (60)
        US 2002-405155P
                               20020822
                                         (60)
        US 2002-406361P
                               20020827
                                         (60)
        US 2002-421195P
                               20021025
                                         (60)
        US 2002-425456P
                               20021112
                                         (60)
        US 2002-427626P
                               20021119
                                         (60)
        US 2002-432122P
                               20021210 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 8639
        INCLM: 424/094.100
INCL
        INCLS: 514/044.000; 435/006.000
NCL
                424/094.100
        NCLS:
                514/044.000; 435/006.000
IC
        [7]
        ICM: C12Q001-68
        ICS: A61K048-00; A61K038-43
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 141 OF 187 USPATFULL ON STN
ΑN
        2003:214330 USPATFULL
TI
        MAGE-Al peptides for treating or preventing cancer
IN
        Emtage, Peter, Boston, MA, UNITED STATES
        Karunakaran, Liza, Toronto, CANADA
        Pedyczak, Arthur, Toronto, CANADA
        Barber, Brian H., Hawthorne, NY, UNITED STATES
        US 2003148973
PΙ
                             Α1
                                   20030807
ΑI
        US 2002-150797
                             Α1
                                   20020517
PRAI
        US 2001-292590P
                              20010523 (60)
DT
        Utility
FS
        APPLICATION
       1761
LN.CNT
        INCLM: 514/044.000
INCL
        INCLS: 424/093.200; 424/185.100; 536/023.100
NCL
                514/044.000
        NCLM:
        NCLS:
               424/093.200; 424/185.100; 536/023.100
IC
        [7]
        ICM: C07H021-04
        ICS: A61K048-00; A61K039-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 142 OF 187 USPATFULL ON STN
AN
        2003:213756
                      USPATFULL
       Methods and compositions for treating urological disorders using 1435, 559, 34021, 44099, 25278, 641, 260, 55089, 21407, 42032, 46656, 62553, 302, 323, 12303, 985, 13237, 13601, 18926, 318, 2058, or 6351 molecules
TI
IN
        Silos-Santiago, Inmaculada, Del Mar, CA, UNITED STATES
        Karicheti, Venkateswarlu, Waltham, MA, UNITED STATES
       Millennium Pharmaceuticals, Inc.
                                             (U.S. corporation)
PI
        US 2003148394
                             Α1
                                   20030807
AΤ
       us 2003-345680
                                   20030116 (10)
                             Α1
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PRAI
       US 2002-349511P
                             20020118 (60)
       US 2002-360500P
                             20020228
                                      (60)
        US 2002-365041P
                             20020315
                                      (60)
       US 2002-374063P
                             20020419
                                      (60)
       US 2002-403468P
                             20020814
                                      (60)
                             20020927
        US 2002-414262P
                                      (60)
       US
          2002-419986P
                                      (60)
                             20021021
       US 2002-423809P
                             20021105
                                      (60)
       US 2002-429797P
                            20021126 (60)
DT
       Utility
        APPLICATION
FS
LN.CNT 10895
        INCLM: 435/007.200
INCL
        INCLS: 514/044.000; 514/001.000; 514/002.000; 424/146.100
               435/007.200
NCL
       NCLM:
               514/044.000; 514/001.000; 514/002.000; 424/146.100
       NCLS:
IC
        [7]
       ICM: A61K048-00
        ICS: A61K031-00; G01N033-53; G01N033-567; A61K038-16; A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 143 OF 187 USPATFULL on STN
L3
       2003:187907
                    USPATFULL
ΑN
ΤI
       Novel polypeptide ESDN, polynucleotides encoding the polypeptide, and
       utility of the polypeptide
IN
       Honjo, Tasuku, Kyoto, JAPAN
       Tashiro, Kei, Kyoto, JAPAN
       Kobuke, Kazuhiro, Kyoto, JAPAN
       ONO PHARMACEUTICAL CO., LTD. (non-U.S. corporation)
PA
PΙ
       US 2003129697
                           Α1
                                20030710
ΑI
       US 2002-191436
                           Α1
                                20020710 (10)
PRAI
       JP 2001-397725
                            20011227
DT
       Utility
       APPLICATION
FS
LN.CNT 1889
INCL
       INCLM: 435/069.100
       INCLS: 514/002.000
NCL
       NCLM:
               435/069.100
       NCLS:
               514/002.000
IC
       [7]
       ICM: A61K038-00
       ICS: C12P021-06; A01N037-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 144 OF 187
                        USPATFULL on STN
ΑN
       2003:180874 USPATFULL
TI
       Nogo receptor homologs
IN
       Strittmatter, Stephen M., Guilford, CT, UNITED STATES
       Cate, Richard L., Cohasset, MA, UNITED STATES
       Sah, Dinah W. Y., Boston, MA, UNITED STATES
       US 2003124704
PΙ
                           Α1
                                20030703
AΙ
       US 2001-972546
                           A1
                                20011006 (9)
PRAI
       US 2000-238361P
                            20001006 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 12942
       INCLM: 435/226.000
INCL
       INCLS: 435/069.100; 435/325.000; 435/320.100; 530/388.260; 424/146.100;
               536/023.200
NCL
       NCLM:
              435/226.000
       NCLS:
              435/069.100; 435/325.000; 435/320.100; 530/388.260; 424/146.100;
              536/023.200
IC
       [7]
       ICM: A61K039-395
       ICS: C12N009-64; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 145 OF 187 USPATFULL ON STN
AN
       2003:165471
                    USPATFULL
TI
       Reducing myelin-mediated inhibition of axon regeneration
IN
       He, Zhigang, Boston, MA, UNITED STATES
       Wang, Kevin C., Boston, MA, UNITED STATES
       Koprivica, Vuk, Boston, MA, UNITED STATES
       Kim, Jieun A., Boston, MA, UNITED STATES
PI
       us 2003113325
                           Α1
                                20030619
AI
       US 2001-6002
                           Α1
                                20011203 (10)
```

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DT
        Utility
        APPLICATION
FS
LN.CNT 1220
INCL
        INCLM: 424/146.100
        INCLS: 435/007.200
NCL
                424/146.100
        NCLM:
                435/007.200
        NCLS:
IC
        [7]
        ICM: A61K039-395
        ICS: G01N033-53; G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 146 OF 187 USPATFULL ON STN
        2003:160909 USPATFULL
ΑN
TT
        Neurturin receptor
        Klein, Robert D., Palo Alto, CA, UNITED STATES
Rosenthal, Arnon, Burlingame, CA, UNITED STATES
IN
        Hynes, Mary A., San Mateo, CA, UNITED STATES
                                  20030612
        US 2003110525
PΙ
                             Α1
        US 2003-357822
ΑI
                                  20030203 (10)
                             Α1
        Continuation of Ser. No. US 1999-388316, filed on 1 Sep 1999, PENDING
RLI
        Division of Ser. No. US 1998-24665, filed on 17 Feb 1998, ABANDONED
PRAI
                              19971024 (60)
        US 1997-63258P
        US 1997-49818P
US 1997-38839P
                              19970609 (60)
                              19970218 (60)
DT
        Utility
        APPLICATION
FS
LN.CNT 5064
INCL
        INCLM: 800/013.000
        INCLS: 800/018.000; 435/069.100; 435/320.100; 435/354.000; 424/085.100;
                514/012.000; 530/350.000; 536/023.500
NCL
        NCLM:
                800/013.000
        NCLS:
                800/018.000; 435/069.100; 435/320.100; 435/354.000; 424/085.100;
                514/012.000; 530/350.000; 536/023.500
IC
        [7]
        ICM: A01K067-027
        ICS: A61K038-17; A61K038-19; C12P021-02; C12N005-06; C07K014-705;
        C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 147 OF 187 USPATFULL on STN
ΑN
        2003:154406 USPATFULL
        Collections of transgenic animal lines (living library)
TI
        Serafini, Tito Andrew, San Mateo, CA, UNITED STATES
IN
PΙ
        US 2003106074
                                  20030605
                             Α1
ΑI
        US 2002-77025
                             Α1
                                  20020214 (10)
        Continuation-in-part of Ser. No. US 2001-783487, filed on 14 Feb 2001,
RLI
        PENDING
DT
        Utility
FS
        APPLICATION
LN.CNT
       5667
INCL
        INCLM: 800/008.000
        INCLS: 800/014.000
NCL
               800/008.000
        NCLM:
        NCLS:
               800/014.000
IC
        [7]
        ICM: A01K067-033
        ICS: A01K067-027
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
13
     ANSWER 148 OF 187 USPATFULL ON STN
ΑN
        2003:141110 USPATFULL
TI
        Novel proteins and nucleic acids encoding same
       Majumder, Kumud, Stamford, CT, UNITED STATES
IN
       Spaderna, Steven K., Berlin, CT, UNITED STATES
       Taupier, Raymond J., JR., Stamford, CT, UNITED STATES
       Padigaru, Muralidhara, Bronx, NY, UNITED STATES
       Burgess, Catherine, Wethersfield, CT, UNITED STATES Shimkets, Richard A., West Haven, CT, UNITED STATES
       Spytek, Kimberly A., New Haven, CT, UNITED STATES
Liu, Xiaohong, Branford, CT, UNITED STATES
       Patturajan, Meera, Branford, CT, UNITED STATES
       Gusev, Vladimir Y., Madison, CT, UNITED STATES
       us 2003096952
PΙ
                            Α1
                                  20030522
ΑI
       US 2001-823187
                                  20010329 (9)
                            Α1
PRAI
       US 2000-193339P
                             20000330 (60)
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US 2000-193205P
                              20000330 (60)
        US 2000-195343P
                              20000405 (60)
        US 2000-195088P
                              20000406 (60)
        US 2000-195005P
                              20000406 (60)
        US 2000-195792P
                              20000410 (60)
                              20000411 (60)
        US 2000-196556P
                                        (60)
        US 2000-197081P
                              20000413
        US 2000-197525P
                                        (60)
                              20000414
        US 2000-197087P
                              20000414 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 8539
INCL
        INCLM: 530/350.000
        INCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.100
NCL
        NCLM:
                530/350.000
                536/023.500; 435/325.000; 435/320.100; 435/069.100
        NCLS:
        [7]
IC
        ICM: C07K014-705
        ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 149 OF 187 USPATFULL ON STN
        2003:140965 USPATFULL
AN
ΤI
        Arthroscopic irrigation solution and method for peripheral
        vasoconstriction and inhibition of pain and inflammation
        Demopulos, Gregory A., Mercer Island, WA, UNITED STATES Palmer, Pamela Pierce, San Francisco, CA, UNITED STATES Herz, Jeffery M., Mill Creek, WA, UNITED STATES
IN
PA
        Omeros Corporation (U.S. corporation)
PΙ
        us 2003096807
                             Α1
                                  20030522
        US 2002-138192
ΑI
                            Α1
                                  20020501 (10)
        Continuation-in-part of Ser. No. US 2001-839633, filed on 20 Apr 2001,
RLI
        PENDING Continuation-in-part of Ser. No. wo 1999-US24672, filed on 20
        Oct 1999, UNKNOWN
PRAI
        US 1998-105029P
                              19981020 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 3576
INCL
        INCLM: 514/215.000
        INCLS: 514/249.000; 514/400.000; 514/401.000; 514/605.000
NCL
        NCLM:
                514/215.000
               514/249.000; 514/400.000; 514/401.000; 514/605.000
        NCLS:
IC
        [7]
        ICM: A61K031-55
        ICS: A61K031-498; A61K031-417; A61K031-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 150 OF 187 USPATFULL ON STN
        2003:140449 USPATFULL
ΑN
ΤI
        Methods for cancer prognosis and diagnosis
IN
       Fruehauf, John P., Tustin, CA, UNITED STATES Mechetner, Eugene, Irvine, CA, UNITED STATES
                  Inc., Tustin, CA, UNITED STATES (U.S. corporation)
PA
       Oncotech.
                                  20030522
PΙ
       US 2003096290
                            Α1
ΑT
       US 2002-295188
                                  20021115 (10)
                            Α1
RLI
       Continuation of Ser. No. US 2000-705320, filed on 3 Nov 2000, GRANTED,
       Pat. No. US 6511806
       US 1999-163340P
PRAI
                             19991103 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 1570
INCL
        INCLM: 435/006.000
       INCLS: 435/007.230
       NCLM: 435/006.000
NCL
       NCLS:
               435/007.230
IC
        [7]
       ICM: C12Q001-68
       ICS: G01N033-574
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 151 OF 187 USPATFULL ON STN
       2003:127747 USPATFULL
AN
       Arthroscopic irrigation solution and method for peripheral
TI
       vasoconstriction and inhibition of pain and inflammation
IN
       Demopulos, Gregory A., Mercer Island, WA, UNITED STATES
       Palmer, Pamela Pierce, San Francisco, CA, UNITED STATES
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Herz, Jeffery M., Mill Creek, WA, UNITED STATES
        Omeros Corporation (U.S. corporation)
PA
PΙ
        US 2003087962
                            Α1
                                  20030508
ΑI
        US 2002-138193
                            Α1
                                  20020501 (10)
        Continuation-in-part of Ser. No. US 2001-839633, filed on 20 Apr 2001,
RLI
        PENDING Continuation-in-part of Ser. No. WO 1999-US24672, filed on 20
        Oct 1999. UNKNOWN
PRAI
        US 1998-105029P
                             19981020 (60)
        Utility
DT
FS
        APPLICATION
LN.CNT 3339
        INCLM: 514/649.000
INCL
        INCLS: 514/282.000; 514/012.000
NCL
        NCLM:
               514/649.000
        NCLS:
               514/282.000; 514/012.000
IC
        [7]
        ICM: A61K031-137
        ICS: A61K031-485; A61K038-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 152 OF 187 USPATFULL ON STN
ΑN
        2003:127584 USPATFULL
TI
        Modulation
IN
        Wolfart, Jakob, Sceaux, FRANCE
       Roeper, Jochen, Marburg, GERMANY, FEDERAL REPUBLIC OF US 2003087799 A1 20030508
PΙ
        US 2002-216128
ΑI
                            Α1
                                  20020809 (10)
PRAI
        GB 2001-26781
                             20011107
DT
        Utility
FS
        APPLICATION
LN.CNT 5439
INCL
       INCLM: 514/001.000
NCL
               514/001.000
       NCLM:
IC
        [7]
        ICM: A61K031-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 153 OF 187 USPATFULL ON STN
L3
ΑN
       2003:120815 USPATFULL
TT
       Non-invasive delivery of polypeptides through the blood-brain barrier
IN
       Ferguson, Ian A., Adelaide, AUSTRALIA
PΙ
       US 2003083299
                                  20030501
                            Α1
ΑI
       US 2002-188184
                            Α1
                                  20020702 (10)
       Continuation-in-part of Ser. No. US 2000-705428, filed on 4 Nov 2000,
RLI
       ABANDONED
DT
       Utility
FS
       APPLICATION
LN.CNT 5424
INCL
       INCLM: 514/044.000
       INCLS: 435/455.000
NCL
       NCLM:
               514/044.000
               435/455.000
       NCLS:
IC
       [7]
       ICM: A61K048-00
       ICS: C12N015-85
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 154 OF 187 USPATFULL ON STN
ΑN
       2003:93795 USPATFULL
       Novel human genes and gene expression products I
TI
       Williams, Lewis T., Mill Valley, CA, UNITED STATES
Escobedo, Jaime, Alamo, CA, UNITED STATES
Innis, Michael A., Moraga, CA, UNITED STATES
TN
       Garcia, Pablo Dominguez, San Francisco, CA, UNITED STATES
       Sudduth-Klinger, Julie, Kensington, CA, UNITED STATES
       Reinhard, Christoph, Alameda, CA, UNITED STATES
       Giese, Klause, San Francisco, CA, UNITED STATES
       Randazzo, Filippo, Emeryville, CA, UNITED STATES
       Kennedy, Giulia C., San Francisco, CA, UNITED STATES
       Pot, David, San Francisco, CA, UNITED STATES
       Kassam, Atlaf, Oakland, CA, UNITED STATES
       Lamson, George, Moraga, CA, UNITED STATES
       Drmanac, Radoje, Palo Alto, CA, UNITED STATES
       Crkvenjakov, Radomir, Sunnyvale, CA, UNITED STATES
       Dickson, Mark, Hollister, CA, UNITED STATES
       Drmanac, Snezana, Palo Alto, CA, UNITED STATES
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Labat, Ivan, Sunnyvale, CA, UNITED STATES
        Leshkowitz, Dena, Sunnyvale, CA, UNITED STATES
        Kita, David, Foster City, CA, UNITED STATES
        Garcia, Veronica, Sunnyvale, CA, UNITED STATES
        Jones, Lee William, Sunnyvale, CA, UNITED STATES
        Stache-Crain, Birgit, Sunnyvale, CA, UNITED STATES
PΙ
        us 2003065156
                           Α1
                                 20030403
       us 2002-76555
ΑI
                           Α1
                                 20020215 (10)
RLI
        Continuation of Ser. No. US 1998-217471, filed on 21 Dec 1998, PENDING
                            19971223 (60)
PRAI
       US 1997-68755P
       US 1998-80664P
                             19980403 (60)
       US 1998-105234P
                             19981021 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT
       15408
INCL
        INCLM: 536/023.100
       INCLS: 435/006.000; 435/007.100
NCL
               536/023.100
       NCLM:
               435/006.000; 435/007.100
       NCLS:
IC
        [7]
       ICM: C12Q001-68
       ICS: G01N033-53; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 155 OF 187 USPATFULL ON STN
ΑN
       2003:72979 USPATFULL
TI
       Collections of transgenic animal lines (living library)
       Serafini, Tito Andrew, San Mateo, CA, UNITED STATES
IN
PΙ
                                20030313
       US 2003051266
                           A1
ΑI
       US 2001-783487
                           Α1
                                20010214 (9)
       Utility
DT
FS
       APPLICATION
LN.CNT 4818
INCL
       INCLM: 800/018.000
       INCLS: 435/007.100
               800/018.000
NCL
       NCLM:
       NCLS:
              435/007.100
IC
       [7]
       ICM: A01K067-027
       ICS: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 156 OF 187 USPATFULL ON STN
       2003:51674 USPATFULL
ΑN
TI
       Acetylcholinesterase-derived peptides and uses thereof
IN
       Soreq, Hermona, Jerusalem, ISRAEL
       Eldor, Amiram, UNITED STATES
       Eldor, Sofia, Tel Aviv, ISRAEL
       Deutch, Varda, Jerusalem, ISRAEL
       Grisaru, Dan, Hertzlia, ISRAEL
       us 2003036632
PΙ
                           Α1
                                20030220
ΑI
       US 2001-998042
                           Α1
                                20011130 (9)
       Continuation-in-part of Ser. No. WO 2000-IL311, filed on 31 May 2000,
RLI
       UNKNOWN
PRAI
       IL 1999-130224
                            19990531
       IL 1999-131707
                            19990902
       Utility
DT
FS
       APPLICATION
LN.CNT 2754
INCL
       INCLM: 530/350.000
       INCLS: 435/196.000
NCL
       NCLM:
              530/350.000
       NCLS:
              435/196.000
IC
       [7]
       ICM: C12N009-16
       ICS: C07K014-485
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 157 OF 187 USPATFULL ON STN
L3
       2003:30870 USPATFULL
ΑN
       Angiogenesis-modulating compositions and uses
TI
IN
       Ling, Leona E., Winchester, MA, UNITED STATES
       Sanicola-Nadel, Michele, Winchester, MA, UNITED STATES
ΡI
       US 2003022819
                                20030130
                           Α1
ΑI
       US
          2001-883848
                                20010618 (9)
                           Α1
PRAI
       US 2000-211919P
                            20000616 (60)
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DT
        Utility
        APPLICATION
FS
LN.CNT 8945
INCL
        INCLM: 514/007.000
        INCLS: 514/012.000; 514/008.000; 514/054.000
NCL
                514/007.000
        NCLM:
        NCLS:
                514/012.000; 514/008.000; 514/054.000
        [7]
IC
        ICM: A61K038-17
        ICS: A61K031-715
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 158 OF 187 USPATFULL ON STN
L3
        2003:30337 USPATFULL
ΑN
        Uses of GDNF and GDNF receptor
TI
TN
        Klein, Robert D., South San Francisco, CA, UNITED STATES
        Moore, Mark W., San Francisco, CA, UNITED STATES
        Rosenthal, Arnon, Burlwgane, CA, UNITED STATES
Ryan, Anne M., Millbrae, CA, UNITED STATES
US 2003022284 A1 20030130
PΙ
ΑI
        US 2001-33350
                                   20011102 (10)
                             Α1
        Continuation of Ser. No. US 1997-860370, filed on 6 Jun 1997, PENDING A
RLI
        371 of International Ser. No. WO 1997-US4363, filed on 13 Mar 1997,
        UNKNOWN Continuation-in-part of Ser. No. US 1996-615902, filed on 14 Mar
        1996, ABANDONED Continuation-in-part of Ser. No. US 1996-618236, filed on 14 Mar 1996, ABANDONED
        Utility
DT
FS
        APPLICATION
LN.CNT 4937
INCL
        INCLM: 435/069.100
        INCLS: 530/387.100; 530/388.100; 435/007.200; 435/007.100; 435/325.000;
                435/320.100
                435/069.100
NCL
        NCLM:
                530/387.100; 530/388.100; 435/007.200; 435/007.100; 435/325.000;
        NCLS:
                435/320.100
IC
        [7]
        ICM: G01N033-53
        ICS: G01N033-567; C12P021-08; C07K016-00; C07K017-00; C07K014-00;
        C07K001-00; C12N005-02; C12N005-00; C12N015-74; C12N015-70; C12N015-63;
        C12N015-09; C12N015-00; C12P021-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 159 OF 187 USPATFULL ON STN
        2003:26246 USPATFULL
ΑN
        Methods for cancer prognosis and diagnosis
ΤI
        Fruehauf, John, Tustin, CA, United States
IN
        Mechetner, Eugene, Irvine, CA, United States
PA
        Oncotech, Inc., Tustin, CA, United States (U.S. corporation)
PΙ
        US 6511806
                                   20030128
                             В1
       US 2000-705320
US 1999-163340P
ΑI
                                   20001103 (9)
PRAI
                              19991103 (60)
       Utility
DT
        GRANTED
FS
LN.CNT 1342
        INCLM: 435/006.000
INCL
        INCLS: 435/069.100; 435/007.200
NCL
               435/006.000
       NCLM:
               435/007.200; 435/069.100
       NCLS:
IC
        ICM: C12Q001-68
       ICS: C12P021-06; G01N033-53
       435/6; 435/69.1; 435/7.2; 435/7.23
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 160 OF 187 USPATFULL ON STN
ΑN
       2003:6968 USPATFULL
ΤI
       GDNF receptor
IN
       Klein, Robert D., South San Francisco, CA, United States
       Moore, Mark W., San Francisco, CA, United States
Rosenthal, Arnon, Burlingham, CA, United States
Ryan, Anne M., Millbrae, CA, United States
       Genentech, Inc., South San Francisco, CA, United States (U.S.
PA
       corporation)
PΙ
       us 6504007
                             В1
                                  20030107
                    19970918
       wo 9733912
ΑI
       US 1997-860370
                                  19970606 (8)
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WO 1997-US4363
                                  19970313
                                  19970606 PCT 371 date
        Continuation-in-part of Ser. No. US 1996-618236, filed on 14 Mar 1996,
RLI
        now abandoned Continuation-in-part of Ser. No. US 1996-615902, filed on
        14 Mar 1996, now abandoned
DT
        Utility
        GRANTED
FS
LN.CNT 4881
        INCLM: 530/350.000
INCL
        INCLS: 930/010.000
NCL
        NCLM:
               530/350.000
        NCLS:
               930/010.000
IC
        [7]
        ICM: C07K014-71
        536/23.1; 536/23.4; 536/23.5; 435/69.1; 435/325; 435/320.1; 530/350;
EXF
        930/10
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 161 OF 187 USPATFULL on STN
L3
AN
        2002:314686 USPATFULL
TI
        Method of use of sonic hedgehog protein as a ligand for patched
IN
        Beachy, Philip A., Baltimore, MD, UNITED STATES
        us 2002177163
PΙ
                            Α1
                                  20021128
        US 2001-969520
                                  20010924 (9)
ΑI
                            A1
        US 2000-235153P
                             20000922 (60)
PRAI
        Utility
DT
        APPLICATION
FS
LN.CNT 1523
INCL
        INCLM: 435/007.100
        INCLS: 435/007.200; 530/350.000; 435/069.100; 435/325.000
              435/007.100
NCL
        NCLM:
               435/007.200; 530/350.000; 435/069.100; 435/325.000
        NCLS:
IC
        [7]
        ICM: G01N033-53
        ICS: G01N033-567; C07K014-435; C07K014-705
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 162 OF 187 USPATFULL ON STN
L3
       2002:307860 USPATFULL
AN
TI
       Oligomerized receptors which affect pathways regulated by transmembrane
        ligands for elk-related receptor tyrosine kinases
       Holland, Sacha, Toronto, CANADA
Mbamalu, Geraldine, Toronto, CANADA
ΙN
       Pawson, Tony, Toronto, CANADA
PA
       Mount Sinai Hospital Corporation, Toronto, CANADA (non-U.S. corporation)
PΙ
       US 2002172984
                            Α1
                                 20021121
ΑI
       US 2002-138787
                            Α1
                                 20020503 (10)
       Continuation of Ser. No. US 1999-214631, filed on 12 Mar 1999, GRANTED,
RLI
       Pat. No. US 6413730 A 371 of International Ser. No. WO 1997-CA473, filed
       on 4 Jul 1997, UNKNOWN
PRAI
       US 1996-21272P
                             19960705 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 1526
INCL
       INCLM: 435/007.210
       INCLS: 424/094.500
              435/007.210
NCL
       NCLM:
       NCLS:
               424/094.500
TC
       ICM: G01N033-567
       ICS: A61K038-51
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 163 OF 187 USPATFULL ON STN
AN
       2002:265899 USPATFULL
TI
       Novel semaphorin genes (I)
       Inagaki, Shinobu, Ibaraki-shi, JAPAN
Furuyama, Tatsuo, Ibaraka-shi, JAPAN
Sumitomo Pharmaceuticals Company, Limited (non-U.S. corporation)
IN
PA
ΡI
       US 2002146775
                                 20021010
                            Α1
                                 20020514 (10)
ΑI
       US 2002-144031
                            Α1
       Division of Ser. No. US 1999-308179, filed on 14 May 1999, PENDING A 371
RIT
       of International Ser. No. WO 1997-JP4111, filed on 12 Nov 1997, UNKNOWN
PRAI
       JP 1996-321068
                             19961115
DT
       Utility
FS
       APPLICATION
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LN.CNT 1218
INCL
        INCLM: 435/069.100
        INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL
               435/069.100
        NCLS:
               435/320.100; 435/325.000; 530/350.000; 536/023.500
        [7]
IC
        ICM: C12P021-02
        ICS: C12N005-06; C07H021-04; C07K014-435
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 164 OF 187 USPATFULL ON STN
L3
AN
        2002:258874 USPATFULL
TI
        AL-2 neurotrophic factor
IN
        Caras, Ingrid W., San Francisco, CA, UNITED STATES
        US 2002142444
PΙ
                                 20021003
                            Α1
ΑĪ
        US 2001-21121
                            Α1
                                 20011206 (10)
RLI
        Division of Ser. No. US 1996-635130, filed on 19 Apr 1996, PENDING
DT
        Utility
FS
        APPLICATION
LN.CNT 3875
INCL
        INCLM: 435/226.000
        INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200
       NCLM:
NCL
               435/226.000
               435/069.100; 435/325.000; 435/320.100; 536/023.200
        NCLS:
IC
        [7]
        ICM: C12N009-64
        ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 165 OF 187 USPATFULL ON STN
ΑN
       2002:209328 USPATFULL
       Semaphorin genes (I)
TI
       Inagaki, Shinobu, Ibaraki, JAPAN
Furuyama, Tatsuo, Ibaraki, JAPAN
IN
РΑ
       Sumitomo Pharmaceuticals Company, Limited, Osaka, JAPAN (non-U.S.
       corporation)
       US 6436669
                            R1
                                 20020820
       wo 9822504
                    19980528
       us 1999-308179
ΑI
                                 19990514 (9)
       WO 1997-JP4111
                                 19971112
                                 19990514 PCT 371 date
PRAI
       JP 1996-321068
                             19961115
       Utility
DT
       GRANTED
FS
LN.CNT 1272
       INCLM: 435/069.100
INCL
       INCLS: 435/320.100; 435/325.000; 435/455.000; 536/023.100; 536/023.500;
               424/093.200; 424/093.210
NCL
       NCLM:
               435/069.100
       NCLS:
               424/093.200; 424/093.210; 435/320.100; 435/325.000; 435/455.000; 536/023.100; 536/023.500
       [7]
IC
       ICM: C12P021-06
       ICS: C12N015-00; C12N015-63; A01N063-00; C07H021-04
       536/23.1; 536/23.5; 435/320.1; 435/325; 435/69.1; 435/252.3; 435/455;
EXF
       514/1; 800/13; 424/93.2; 424/93.21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 166 OF 187 USPATFULL ON STN
       2002:164766 USPATFULL
AN
TT
       Splice variants of oncogenes
IN
       Levine, Zurit, Herzliya, ISRAEL
       David, Anat, Givatayim, ISRAEL
       Romano, Cobby, Tel Aviv, ISRAEL
       Bernstein, Jeanne, Kfar Yona, ISRAEL
PΙ
       US 2002086384
                           A1
                                 20020704
ΑI
       US 2001-805020
                                 20010313 (9)
                           Α1
       IL 2000-135402
PRAI
                            20000314
       IL 2000-136154
                            20000516
       Utility
DT
FS
       APPLICATION
LN.CNT 6112
INCL
       INCLM: 435/183.000
       INCLS: 530/388.100; 536/023.100
NCL
               435/183.000
       NCLM:
       NCLS:
              530/388.100; 536/023.100
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IC
        [7]
        ICM: C12N009-00
        ICS: C07H021-04; C07K016-42
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 167 OF 187 USPATFULL ON STN
L3
        2002:160537
AN
                    USPATFULL
       Method for identifying compounds that inhibit or enhance activation of a
TI
        transmembrane ligand for a receptor tyrosine kinase
TN
       Holland, Sacha, Toronto, CANADA
       Mbamalu, Geraldine, Toronto, CANADA
       Pawson, Tony, Toronto, CANADA
       Mount Sinai Hospital Corporation, Toronto, CANADA (non-U.S. corporation)
PA
PΙ
       US 6413730
                           В1
                                20020702
       wo 9801548
                    19980115
ΑI
       US 1999-214631
                                 19990312 (9)
       WO 1997-CA473
                                 19970704
                                 19990312
                                           PCT 371 date
PRAI
       US 1996-21272P
                            19960705 (60)
       Utility
DT
FS
       GRANTED
LN.CNT 1474
       INCLM: 435/007.600
INCL
       INCLS: 435/007.100; 435/007.210; 435/007.800
               435/007.600
NCL
       NCLM:
       NCLS:
               435/007.100; 435/007.210; 435/007.800
        [7]
IC
       ICM: G01N033-53
       ICS: G01N033-567
EXF
       435/7.1; 435/7.2; 435/7.21; 435/7.6; 435/7.8
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 168 OF 187 USPATFULL ON STN
       2002:157060 USPATFULL
ΑN
TT
       Nucleic acids, proteins and antibodies
TN
       Rosen, Craig A., Laytonsville, MD, UNITED STATES
       Ruben, Steven M., Olney, MD, UNITED STATES
PΙ
       us 2002081659
                                20020627
                           Α1
ΑI
       US 2001-925297
                           Α1
                                20010810 (9)
RI T
       Continuation-in-part of Ser. No. WO 2000-US5989, filed on 8 Mar 2000.
       UNKNOWN
PRAI
       US 1999-124270P
                            19990312 (60)
       Utility
DT
       APPLICATION
FS
LN.CNT 20326
INCL
       INCLM: 435/069.100
       INCLS: 435/325.000; 435/320.100; 435/006.000; 435/007.100; 536/023.500;
               530/350.000
NCL
       NCLM:
              435/069.100
       NCLS:
              435/325.000; 435/320.100; 435/006.000; 435/007.100; 536/023.500;
               530/350.000
IC
       [7]
       ICM: C12Q001-68
       ICS: G01N033-53; C07H021-04; C12P021-02; C07K014-435; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
13
     ANSWER 169 OF 187 USPATFULL on STN
AN
       2002:149139 USPATFULL
       Nogo receptor-mediated blockade of axonal growth
TI
       Strittmatter, Stephen M., Clinton, CT, UNITED STATES US 2002077295 A1 20020620
IN
PT
ΑI
       us 2001-972599
                           Α1
                                20011006 (9)
       Continuation-in-part of Ser. No. US 2001-758140, filed on 12 Jan 2001
RLI
       PENDING Continuation-in-part of Ser. No. WO 2001-US1040, filed on 12 Jan
       2001, UNKNOWN
       US 2000-175707P
PRAI
                            20000112 (60)
       US 2000-207366P
                            20000526 (60)
       US
          2000-236378P
                            20000929 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 4053
INCL
       INCLM: 514/012.000
       INCLS: 435/325.000; 435/183.000; 435/320.100; 536/023.200
NCL
              514/012.000
       NCLM:
              435/325.000; 435/183.000; 435/320.100; 536/023.200
       NCLS:
TC
       [7]
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ICS: C07H021-04; C12N009-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L3
           ANSWER 170 OF 187 USPATFULL on STN
                2002:119862 USPATFULL
 ΑN
 TI
                Regulation of human transmembrane serine protease
               Xiao, Yonghong, Cambridge, MA, UNITED STATES
Gedrich, Richard W., Guilford, CT, UNITED STATES
US 2002061850 A1 20020523
 IN
 PΙ
                                                                  20010613 (9)
 ΑI
               US 2001-879792
                                                        Α1
                                                          20000613 (60)
 PRAI
               US 2000-211224P
               US 2001-283353P
                                                          20010413 (60)
               US 2001-283648P
                                                          20010416 (60)
 DT
               Utility
 FS
               APPLICATION
 LN.CNT
               3948
 INCL
               INCLM: 514/012.000
               INCLS: 435/325.000; 435/320.100; 536/023.200; 435/183.000
                              514/012.000
 NCL
                              435/325.000; 435/320.100; 536/023.200; 435/183.000
 IC
                [7]
               ICM: A61K038-17
               ICS: C07H021-04; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
           ANSWER 171 OF 187 USPATFULL ON STN
ΑN
               2002:105934 USPATFULL
 ΤI
               Novel genes encoding proteins having prognostic, diagnostic, preventive,
               therapeutic, and other uses
IN
               Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES
               Sharp, John D., Arlington, MA, UNITED STATES
               Leiby, Kevin R., Natick, MA, UNITED STATES
Bossone, Steven, Winchester, MA, UNITED STATES
               Pan, Yang, Bellevue, WA, UNITED STATES
               Barnes, Thomas M., Boston, MA, UNITED STATES
               Fraser, Christopher C., Lexington, MA, UNITED STATES
               Wrighton, Nicholas, Winchester, MA, UNITED STATES
               Myers, Paul S., Jamaica Plain, MA, UNITED STATES
Kingsbury, Gillian, Roslindale, MA, UNITED STATES
US 2002055139 A1 20020509
PΙ
ΑI
               US 2001-796858
                                                       Α1
                                                                  20010301 (9)
               Continuation-in-part of Ser. No. US 2000-599596, filed on 22 Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on 30 Dec
RLI
               1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072, filed
               on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-224246,
               filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US
               1999-474071, filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-223094, filed on 30 Dec 1998, ABANDONED Continuation-in-part
              of Ser. No. US 2000-597993, filed on 19 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-336536, filed on 18 Jun 1999, PENDING Continuation-in-part of Ser. No. US 2000-572002, filed on 15 May
               2000, PENDING Continuation-in-part of Ser. No. US 1999-312359, filed on
               14 May 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-606565.
               filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US
              1999-342687, filed on 29 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-630334, filed on 31 Jul 2000, PENDING Continuation-in-part of Ser. No. US 1999-365164, filed on 30 Jul 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-6656666, filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200723 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 1000-200733 filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 2000-655666, filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 2000-655666, filed on 20 Sep 2000 PENDING Continuation-in-part of Ser. No. US 2000-655666, filed on 20 Sep 2000 PENDING CONTINUATION PEN
               Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-399723, filed
               on 20 Sep 1999, ABANDONED
DT
               Utility
FS
               APPLICATION
LN.CNT 10205
INCL
               INCLM: 435/069.100
               INCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.500
NCL
                             435/069.100
              NCLM:
              NCLS:
                             435/325.000; 435/320.100; 530/350.000; 536/023.500
               [7]
IC
               ICM: C12P021-02
               ICS: C12N005-06; C07K014-435; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
          ANSWER 172 OF 187 USPATFULL ON STN
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ICM: A61K038-17

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2002:99407 USPATFULL
 ΑN
         Nucleic acids, proteins and antibodies
 TI
 IN
         Rosen, Craig A., Laytonsville, MD, UNITED STATES
         Ruben, Steven M., Olney, MD, UNITED STATES
         US 2002052308
US 2001-925301
 PI
                                      20020502
                               Α1
ΑI
                               Α1
                                     20010810 (9)
         Continuation of Ser. No. WO 2000-US5882, filed on 8 Mar 2000, UNKNOWN
RLI
PRAI
         US 1999-124270P
                                 19990312 (60)
DT
         Utility
         APPLICATION
FS
LN.CNT 30577
INCL
         INCLM: 514/001.000
         INCLS: 435/006.000; 435/007.100; 435/069.100; 435/183.000; 536/023.100;
                 530/350.000; 435/320.100; 435/325.000
                 514/001.000
NCL
                 435/006.000; 435/007.100; 435/069.100; 435/183.000; 536/023.100; 530/350.000; 435/320.100; 435/325.000
         NCLS:
IC
         [7]
         ICM: A61K031-00
         ICS: C12Q001-68; G01N033-53; C07H021-04; C12N009-00; C07K014-435;
         C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 173 OF 187 USPATFULL on STN
         2002:99076 USPATFULL
AN
        NEURTURIN RECEPTOR
TI
        KLEIN, ROBERT D., PALO ALTO, CA, UNITED STATES ROSENTHAL, ARNON, BURLINGAME, CA, UNITED STATES
IN
ΡI
        US 2002051972
                                     20020502
                               Α1
        US 1999-388316
ΑI
                                     19990901 (9)
                               Α1
RLI
        Division of Ser. No. US 1998-24665, filed on 17 Feb 1998, ABANDONED
        US 1997-63258P
US 1997-49818P
                                19971024 (60)
PRAI
                                19970609 (60)
        US 1997-38839P
                                19970218 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 4968
INCL
        INCLM: 435/006.000
        INCLS: 530/300.000; 530/350.000; 435/007.100; 530/412.000; 530/417.000
NCL
        NCLM:
                 435/006.000
        NCLS:
                 530/300.000; 530/350.000; 435/007.100; 530/412.000; 530/417.000
IC
         [7]
        ICM: C12Q001-68
        ICS: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 174 OF 187 USPATFULL ON STN
L3
        2002:92245 USPATFULL
AN
TI
        Human genome-derived single exon nucleic acid probes useful for gene
        expression analysis
        Penn, Sharron Gaynor, San Mateo, CA, UNITED STATES Rank, David Russell, Fremont, CA, UNITED STATES
IN
        Chen, Wensheng, Mountain View, CA, UNITED STATES
        Hanzel, David Kagen, Palo Alto, CA, UNITED STATES
PΙ
        US 2002048763
                               Α1
                                     20020425
ΑI
        US 2001-864761
                               Α1
                                     20010523 (9)
        Continuation-in-part of Ser. No. US 2001-774203, filed on 29 Jan 2001,
RLI
        PENDING Continuation-in-part of Ser. No. US 2000-632366, filed on 3 Aug
        2000, PENDING Continuation-in-part of Ser. No. US 2000-608408, filed on
        30 Jun 2000, PENDING Continuation-in-part of Ser. No. WO 2001-US666,
        filed on 30 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO
        2001-US667, filed on 30 Jan 2001, UNKNOWN Continuation-in-part of Ser.
        No. WO 2001-US664, filed on 30 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US669, filed on 30 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US665, filed on 30 Jan 2001,
        UNKNOWN Continuation-in-part of Ser. No. WO 2001-US668, filed on 30 Jan
        2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US663, filed on
        30 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US662, filed on 30 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US661, filed on 30 Jan 2001, UNKNOWN Continuation-in-part of Ser.
        No. WO 2001-US670, filed on 30 Ján 2001, UNKNOWN
PRAI
        GB 2000-242636
                                20001004
        US 2000-180312P
                                20000204 (60)
        US 2000-207456P
                                20000526 (60)
                                20000921 (60)
        US 2000-234687P
        US 2000-236359P
                                20000927 (60)
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DT
         Utility
         APPLICATION
FS
LN.CNT 9057
INCL
         INCLM: 435/006.000
         INCLS: 536/024.300
NCL
         NCLM:
                 435/006.000
                 536/024.300
         NCLS:
         [7]
IC
         ICM: C12Q001-68
         ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 175 OF 187 USPATFULL on STN
L3
AN
         2002:81238 USPATFULL
TI
         Neurturin receptor
         Klein, Robert D., Palo Alto, CA, United States
Rosenthal, Arnon, Burlingame, CA, United States
IN
PA
         Genetech, Inc., South San Francisco, CA, United States (U.S.
         corporation)
PΙ
         US 6372453
                                       20020416
ΑI
         US 1997-802805
                                       19970218 (8)
DT
         Utility
FS
         GRANTED
LN.CNT
         5038
INCL
         INCLM: 435/069.100
         INCLS: 435/069.700; 435/070.100; 435/071.100; 435/252.300; 435/254.110; 435/320.100; 435/325.000; 530/300.000; 530/350.000; 530/827.000; 536/023.100; 935/006.000; 935/022.000; 935/066.000; 935/109.000
NCL
         NCLM:
                  435/069.100
         NCLS:
                 435/069.700; 435/070.100; 435/071.100; 435/252.300; 435/254.110;
                 435/320.100; 435/325.000; 530/300.000; 530/350.000; 530/827.000;
                  536/023.100
         [7]
IC
         ICM: C12P021-06
         ICS: C12N001-20; C12N015-00; C07H021-02
EXF
         536/23.5; 536/23.1; 435/6; 435/69.1; 435/320.1; 435/325; 435/69.7;
         435/70.1; 435/71.1; 435/252.3; 435/254.11; 935/6; 935/22; 935/66; 935/109; 530/300; 530/350; 530/827
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 176 OF 187 USPATFULL ON STN
         2002:48606 USPATFULL
ΑN
TI
         Irrigation solution and method for inhibition of pain and inflammation
IN
         Demopulos, Gregory A., Mercer Island, WA, UNITED STATES Pierce-Palmer, Pamela, San Francisco, CA, UNITED STATES
         Herz, Jeffrey M., Mill Creek, WA, UNITED STATES
PA
         Omeros Medical Systems (U.S. corporation)
PΙ
         US 2002028798
                                       20020307
                                Α1
ΑI
         us 2001-839633
                                Α1
                                      20010420 (9)
        Continuation-in-part of Ser. No. WO 1999-US24625, filed on 20 oct 1999, UNKNOWN Continuation-in-part of Ser. No. WO 1999-US24672, filed on 20
RLI
        Oct 1999, UNKNOWN Continuation-in-part of Ser. No. WO 1999-US24558,
        filed on 20 Oct 1999, UNKNOWN Continuation-in-part of Ser. No. WO
         1999-US24557, filed on 20 Oct 1999, UNKNOWN Continuation-in-part of Ser.
        No. WO 1999-US26330, filed on 5 Nov 1999, UNKNOWN Continuation-in-part of Ser. No. US 1998-72913, filed on 4 May 1998, UNKNOWN Continuation of Ser. No. US 1996-670699, filed on 26 Jun 1996, UNKNOWN
        Continuation-in-part of Ser. No. WO 1995-US16028, filed on 12 Dec 1995,
        UNKNOWN Continuation-in-part of Ser. No. US 1994-353775, filed on 12 Dec
        1994, ABANDONED
        US 1998-105026P
PRAI
                                 19981020 (60)
        US 1998-105029P
                                 19981020 (60)
        US 1998-105044P
                                 19981020 (60)
        US 1998-105166P
                                 19981021 (60)
        US 1998-107256P
                                 19981105 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 4713
INCL
        INCLM: 514/210.200
        INCLS: 514/338.000; 514/456.000; 514/215.000; 514/249.000
                 514/210.200
NCL
        NCLS:
                 514/338.000; 514/456.000; 514/215.000; 514/249.000
IC
        [7]
        ICM: A61K031-4427
        ICS: A61K031-4439; A61K031-55
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
ANSWER 177 OF 187 USPATFULL ON STN
 L3
 AN
        2002:22130 USPATFULL
 TI
        Nogo receptor-mediated blockade of axonal growth
        Strittmatter, Stephen M., Clinton, CT, UNITED STATES
 IN
                                  20020131
 ΡI
        US 2002012965
                            Α1
        US 2001-758140
 ΑI
                                  20010112 (9)
                            A1
        US 2000-175707P
 PRAI
                              20000112 (60)
        US 2000-207366P
                              20000526 (60)
        US 2000-236378P
                              20000929 (60)
 DT
        Utility
 FS
        APPLICATION
LN.CNT 3307
 INCL
        INCLM: 435/069.100
        INCLS: 435/004.000; 435/007.210; 530/388.220; 530/350.000; 536/023.500;
                435/325.000
NCL
        NCLM:
               435/069.100
        NCLS:
               435/004.000; 435/007.210; 530/388.220; 530/350.000; 536/023.500;
               435/325.000
IC
        [7]
        ICM: C12Q001-00
        ICS: G01N033-567; C07H021-04; C12P021-02; C12N005-06; C07K014-705;
        C07K016-28
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 178 OF 187 USPATFULL ON STN
L3
        2002:19172 USPATFULL
AN
ΤI
        Neurturin receptor
TN
        Klein, Robert D., Palo Alto, CA, United States
        Rosenthal, Arnon, Burlingame, CA, United States
        Hynes, Mary A., San Mateo, CA, United States
PA
        Genetech, Inc., South San Francisco, CA, United States (U.S.
        corporation)
PΙ
        US 6342348
                                  20020129
ΑI
        US 2000-487685
                                 20000119 (9)
        Continuation of Ser. No. US 1997-957063, filed on 24 oct 1997, now patented, Pat. No. US 6025157 Division of Ser. No. US 1997-802805, filed
RLI
        on 18 Feb 1997
        US 1997-38839P
US 1997-49818P
PRAI
                             19970218 (60)
                             19970609 (60)
        Utility
DT
        GRANTED
FS
LN.CNT 5026
INCL
        INCLM: 435/004.000
        INCLS: 435/007.100; 435/007.800; 435/007.920; 435/007.930; 530/350.000;
               530/412.000
NCL
        NCLM:
               435/004.000
        NCLS:
               435/007.100; 435/007.800; 435/007.920; 435/007.930; 530/350.000;
               530/412.000
IC
        ICM: C12Q001-00
        ICS: G01N033-53; C07K001-00; A23J001-00
        435/4; 435/7.1; 435/7.8; 435/7.93; 435/7.92; 530/350; 530/412; 530/413
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 179 OF 187 USPATFULL on STN
        2001:141881 USPATFULL
AN
       Methods of using an AL-1 neurotrophic factor immunoadhesin
TI
ΙN
       Caras, Ingrid W., San Francisco, CA, United States
       Winslow, John W., El Granada, CA, United States
PA
       Genentech, Inc., South San Francisco, CA, United States (U.S.
       corporation)
PΙ
       US 6280732
                                 20010828
       US 1995-486449
ΑI
                                 19950607 (8)
RLI
       Continuation-in-part of Ser. No. US 1994-330128, filed on 27 Oct 1994,
       now abandoned
DT
       Utility
FS
       GRANTED
LN.CNT 2167
INCL
       INCLM: 424/178.100
       INCLS: 514/002.000; 514/012.000; 530/350.000; 530/399.000
NCL
       NCLM:
               424/178.100
       NCLS:
               514/002.000; 514/012.000; 530/350.000; 530/399.000
       [7]
       ICM: A61K039-44
FXF
       514/2; 514/12; 530/350; 530/399; 424/178.1
```

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 180 OF 187 USPATFULL ON STN
AN
        2001:136623 USPATFULL
TI
        Method of dopaminergic and serotonergic neuron formation from
        neuroprogenitor cells
IN
        Rosenthal, Arnon, Burlingame, CA, United States
        Hynes, Mary A., San Mateo, CA, United States
Ye, Weilan, San Mateo, CA, United States
PA
        Genentech, Inc., So. San Francisco, CA, United States (U.S. corporation)
PΙ
        US 6277820
                                 20010821
                            в1
        US 1998-57860
ΑI
                                 19980409 (9)
        Utility
DT
FS
        GRANTED
LN.CNT
       2562
INCL
        INCLM: 514/012.000
               514/002.000
        INCLS:
NCL
               514/012.000
        NCLM:
               514/002.000
        NCLS:
        [7]
        ICM: A61K038-18
EXF
        514/2; 514/12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 181 OF 187 USPATFULL ON STN
        2001:55932 USPATFULL
ΑN
TI
       Neural receptor tyrosine kinase
IN
        Pawson, Anthony, Toronto, Canada
       Henkemeyer, Mark, Toronto, Canada
        Letwin, Kenneth, Willowdale, Canada
PA
       Mount Sinai Hospital Corporation, Toronto, Canada (non-U.S. corporation)
PΙ
        US 6218356
                                 20010417
                           В1
       US 1995-542635
ΑI
                                 19951013 (8)
       Continuation-in-part of Ser. No. WO 1995-CA254, filed on 28 Apr 1995
RLI
       Continuation-in-part of Ser. No. US 1994-235407, filed on 29 Apr 1994,
       now abandoned
DT
       Utility
FS
       Granted
LN.CNT 3045
INCL
        INCLM: 514/002.000
        INCLS: 435/069.100; 530/350.000; 536/023.500
NCL
       NCLM:
               514/002.000
               435/069.100; 530/350.000; 536/023.500
       NCLS:
TC
        [7]
       ICM: A01N037-18
       ICS: C07K014-705; C12N015-12
EXF
       435/69.1; 435/252.3; 435/320.1; 530/350; 536/23.5; 514/2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 182 OF 187 USPATFULL ON STN
ΑN
       2001:1854 USPATFULL
       Antibodies to ligands for HEK4 receptors
TI
       Bartley, Timothy D., Thousand Oaks, CA, United States
IN
       Fox, Gary M., Newbury Park, CA, United States
PA
       Amgen Inc., Thousand Oaks, CA, United States (U.S. corporation)
PΙ
       US 6169167
                           в1
                                 20010102
       US 1998-48079
ΑI
                                 19980325 (9)
RLI
       Division of Ser. No. US 1995-379802, filed on 27 Jan 1995, now patented,
       Pat. No. US 6057124
       Utility
DT
FS
       Granted
LN.CNT 981
INCL
       INCLM: 530/387.900
       INCLS: 530/387.100; 530/388.100; 530/388.230; 530/388.240; 530/389.100;
               530/389.200
NCL
               530/387.900
       NCLM:
       NCLS:
               530/387.100; 530/388.100; 530/388.230; 530/388.240; 530/389.100;
               530/389.200
       [7]
IC
       ICM: C07K016-22
       ICS: C07K016-24
       530/387.1; 530/387.9; 530/388.1; 530/388.23; 530/350; 530/389.1;
EXF
       530/389.2; 530/388.24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 183 OF 187 USPATFULL ON STN
```

```
2000:61719 USPATFULL
AN
        Ligands for EPH-like receptors
ΤI
IN
        Bartley, Timothy D., Thousand Oaks, CA, United States
        Fox, Gary M., Newbury Park, CA, United States
        Amgen Inc., Thousand Oaks, CA, United States (U.S. corporation) US 6063903 20000516
PΔ
        us 6063903
PΙ
        US 1998-48129
ΑI
                                  19980325 (9)
RLI
        Division of Ser. No. US 1995-379802, filed on 27 Jan 1995
        Utility
DT
FS
        Granted
LN.CNT 1223
INCL
        INCLM: 530/350.000
        INCLS: 530/387.300; 536/023.100; 536/023.500; 536/024.300; 536/024.310;
               435/069.100; 435/069.700
NCL
        NCLM:
               530/350.000
               435/069.100; 435/069.700; 530/387.300; 536/023.100; 536/023.500; 536/024.300; 536/024.310
        NCLS:
        [7]
IC
        ICM: C07K014-47
        ICS: C12N015-12; C12N015-63; C12N005-10
EXF
        530/350; 530/387.3; 536/23.1; 536/23.5; 536/24.3; 536/24.31; 435/69.1;
        435/69.7
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 184 OF 187 USPATFULL ON STN
AN
        2000:53908
                    USPATFULL
        Nucleic acids encoding ligands for HEK4 receptors
TI
        Bartley, Timothy D., Thousand Oaks, CA, United States
ΙN
        Fox, Gary M., Newbury Park, CA, United States
PA
        Amgen Inc., Thousand Oaks, CA, United States (U.S. corporation)
PΙ
        us 6057124
                                 20000502
ΑI
        US 1995-379802
                                 19950127 (8)
DT
        Utility
FS
        Granted
LN.CNT
       1166
INCL
        INCLM: 435/069.100
        INCLS: 435/071.200; 435/252.330; 435/320.100; 435/471.000; 536/023.500;
               536/024.300; 935/011.000; 935/022.000; 935/070.000; 935/073.000
NCL
       NCLM:
               435/069.100
       NCLS:
               435/071.200; 435/252.330; 435/320.100; 435/471.000; 536/023.500;
               536/024.300
IC
       ICM: C12N015-12
       ICS: C07K014-47; C07K005-10; C07K015-63
       435/69.1; 435/70.1; 435/70.3; 435/71.1; 435/71.2; 435/240.1; 435/240.2; 435/320.1; 435/252.3; 435/23.1; 435/252.33; 435/471; 935/22; 935/27;
EXF
       935/29; 935/31; 935/52; 935/55; 935/56; 935/57; 935/66; 935/70; 935/72;
       935/73; 536/23.5; 536/24.3
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 185 OF 187 USPATFULL ON STN
L3
       2000:18243 USPATFULL
ΔN
ΤI
       Neurturin receptor
       Klein, Robert D., Palo Alto, CA, United States
IN
       Rosenthal, Arnon, Burlingame, CA, United States
       Hynes, Mary A., San Mateo, CA, United States
PA
       Genentech, Inc., United States (U.S. corporation)
       us 6025157
PI
                                 20000215
ΑI
       US 1997-957063
                                 19971024 (8)
       US 1997-38839P
                             19970218 (60)
PRAI
       US 1997-49818P
                             19970609 (60)
DT
       Utility
FS
       Granted
LN.CNT 5116
INCL
       INCLM: 435/069.100
       INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.100; 536/023.500
NCL
               435/069.100
       NCLM:
               435/320.100; 435/325.000; 536/023.100; 536/023.500
       NCLS:
IC
       [7]
       ICM: C12P021-06
       ICS: C12N015-00; C07H021-02; C07H021-04
EXF
       536/23.5; 536/23.1; 435/325; 435/320.1; 435/69.1; 800/8
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 186 OF 187 USPATFULL ON STN
ΑN
       1999:163431 USPATFULL
```

```
TI
         Therapeutic uses of grip and grip-related molecules
IN
        Huganir, Richard L., Baltimore, MD, United States
        Dong, Hualing, Baltimore, MD, United States
Johns Hopkins University, Baltimore, MD, United States (U.S.
PA
         corporation)
        us 6001575
ΡI
                                    19991214
        US 1998-45632
ΑI
                                    19980319 (9)
        US 1997-41016P
PRAI
                               19970319 (60)
DT
        Utility
FS
        Granted
LN.CNT 5975
        INCLM: 435/006.000
INCL
        INCLS: 435/069.100; 435/325.000; 435/253.200; 435/320.100; 536/023.100;
                530/300.000; 530/350.000
NCL
        NCLM:
                435/006.000
        NCLS:
                435/069.100; 435/253.200; 435/320.100; 435/325.000; 530/300.000;
                530/350.000; 536/023.100
        [6]
IC
        ICM: C12Q001-68
        ICS: C12P021-06; C07H017-00; C07K014-00
        536/23.1; 435/69.1; 435/325; 435/25.3; 435/320.1; 435/6; 530/350;
EXF
        530/300
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 187 OF 187 USPATFULL ON STN
L3
AN
        1998:47963 USPATFULL
TI
        Method of enhancing the biological activity of Eph family ligands
IN
        Davis, Samuel, New York, NY, United States
        Gale, Nicholas W., Dobbs Ferry, NY, United States
        Aldrich, Thomas H., Ossining, NY, United States
        Maisonpierre, Peter C., Croton, NY, United States
Goldfarb, Mitchell, River Edge, NJ, United States
        Yancopoulos, George D., Yorktown Heights, NY, United States
        Regeneron Pharmaceuticals, Inc., Tarrytown, NY, United States (U.S.
PA
        corporation)
PΙ
        US 5747033
                                   19980505
        US 1994-299567
ΑI
                                   19940901 (8)
RLI
        Continuation-in-part of Ser. No. US 1994-229402, filed on 12 Apr 1994,
        now abandoned which is a continuation-in-part of Ser. No. US
        1994-222075, filed on 4 Apr 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-144992, filed on 28 Oct 1993,
        now abandoned
DT
        Utility
FS
        Granted
LN.CNT 1166
INCL
        INCLM: 424/134.100
        INCLS: 424/178.100; 424/143.100; 424/192.100; 424/156.100; 435/069.700;
                435/172.100; 514/002.000; 530/350.000; 530/387.300; 530/839.000;
                536/023.400
NCL
       NCLM:
               424/134.100
               424/143.100; 424/156.100; 424/178.100; 424/192.100; 435/069.700; 514/002.000; 530/350.000; 530/387.300; 530/839.000; 536/023.400
       NCLS:
        [6]
IC
       ICM: A61K038-16
       ICS: A61K039-44; C07K014-705; C07K019-00
EXF
        424/130.1; 424/139.1; 424/143.1; 435/7.1; 435/7.21; 435/244
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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STN INTERNATIONAL LOGOFF AT 11:39:52 ON 23 JAN 2004